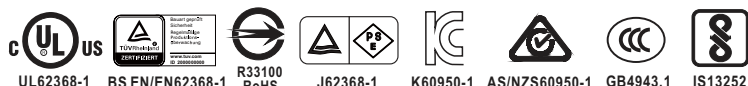




User's Manual



Video



## Features

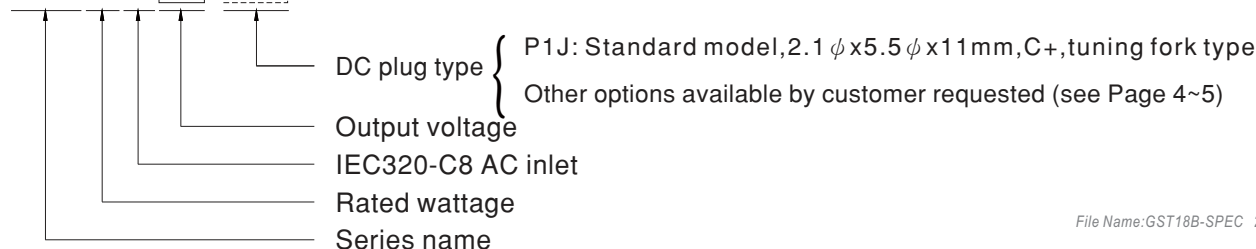
- **Global certificates**
- Universal AC input / Full range
- 2 pole AC inlet IEC320-C8, Class II power unit
- No load power consumption < 0.075W
- **Energy efficiency Level VI**
- Comply with EISA 2007/DoE, NRCAN, Korea K-MEPS, AU/NZ MEPS, EU ErP and CoC Version 5
- Protections: Short circuit / Overload / Over voltage
- Fully enclosed plastic case
- Pass LPS
- -30~+70°C wide range working temperature
- LED indicator for power on
- Various DC plug quick adapter accessory available  
(Plug kit sold separately, please refer to : [https://www.meanwell.com/upload/pdf/DC\\_plug.pdf](https://www.meanwell.com/upload/pdf/DC_plug.pdf) )
- 3 years warranty

## Description

GST18B is a highly reliable, 18W desktop style single-output green adaptor series. This product is a class II power unit (no FG), equipped with a standard IEC320-C8 AC inlet and adopting the input range from 85VAC to 264VAC. The entire series supplies different models with output voltages ranging between 5VDC and 48VDC that can satisfy the demands for various types of consumer electronic devices. With the efficiency up to 89% and the extremely low no-load power consumption below 0.075W, GST18B is compliant with USA EISA 2007/DoE, Canada NRCAN, Australia and New Zealand MEPS, Korea K-MEPS, EU ErP, and Code of Conduct (CoC) Version 5. The supreme feature allows the adaptor to save the energy when it is either under the operating mode or the standby mode. The entire series utilizes the 94V-0 flame retardant plastic case, providing the double insulation that effectively prevents electrical shock. GST18B is certified for the international safety regulations.

## Model Encoding

**GST 18 B 05 - P1J**



## Applications

- Consumer electronic devices
- Telecommunication devices
- Office facilities
- Industrial equipments

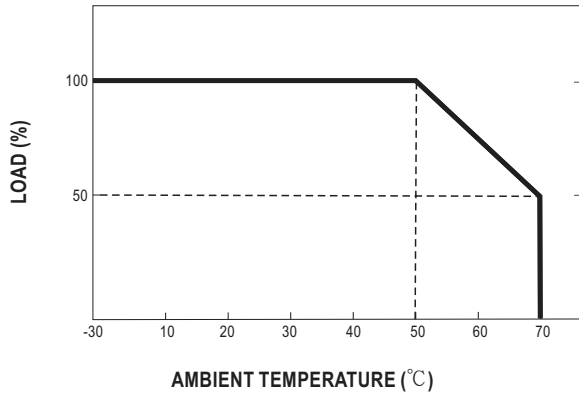
## GTIN CODE

MW Search: <https://www.meanwell.com/serviceGTIN.aspx>

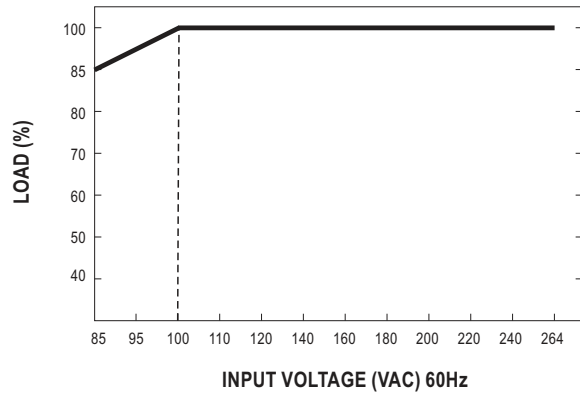
# SPECIFICATION

| ORDER NO.                   |                                           | GST18B05-P1J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | GST18B07-P1J                                                                                                         | GST18B09-P1J | GST18B12-P1J | GST18B15-P1J | GST18B18-P1J                                                                   | GST18B24-P1J                           | GST18B28-P1J | GST18B48-P1J |  |
|-----------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|--------------------------------------------------------------------------------|----------------------------------------|--------------|--------------|--|
| OUTPUT                      | SAFETY MODEL NO.                          | GST18B05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GST18B07                                                                                                             | GST18B09     | GST18B12     | GST18B15     | GST18B18                                                                       | GST18B24                               | GST18B28     | GS18B48      |  |
|                             | DC VOLTAGE <span>Note.2</span>            | 5V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7.5V                                                                                                                 | 9V           | 12V          | 15V          | 18V                                                                            | 24V                                    | 28V          | 48V          |  |
|                             | RATED CURRENT                             | 3.0A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.0A                                                                                                                 | 2.0A         | 1.50A        | 1.20A        | 1.0A                                                                           | 0.75A                                  | 0.64A        | 0.375A       |  |
|                             | CURRENT RANGE                             | 0 ~ 3.0A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0 ~ 2.0A                                                                                                             | 0 ~ 2.0A     | 0 ~ 1.50A    | 0 ~ 1.20A    | 0 ~ 1.0A                                                                       | 0 ~ 0.75A                              | 0 ~ 0.64A    | 0 ~ 0.375A   |  |
|                             | RATED POWER (max.)                        | 15W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 15W                                                                                                                  | 18W          | 18W          | 18W          | 18W                                                                            | 18W                                    | 18W          | 18W          |  |
|                             | RIPPLE & NOISE (max.) <span>Note.3</span> | 80mVp-p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 80mVp-p                                                                                                              | 80mVp-p      | 80mVp-p      | 100mVp-p     | 150mVp-p                                                                       | 150mVp-p                               | 150mVp-p     | 150mVp-p     |  |
|                             | VOLTAGE TOLERANCE <span>Note.4</span>     | ± 5.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ± 5.0%                                                                                                               | ± 5.0%       | ± 3.0%       | ± 3.0%       | ± 3.0%                                                                         | ± 2.0%                                 | ± 2.0%       | ± 2.0%       |  |
|                             | LINE REGULATION <span>Note.5</span>       | ± 1.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ± 1.0%                                                                                                               | ± 1.0%       | ± 1.0%       | ± 1.0%       | ± 1.0%                                                                         | ± 1.0%                                 | ± 1.0%       | ± 1.0%       |  |
|                             | LOAD REGULATION <span>Note.6</span>       | ± 5.0%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ± 5.0%                                                                                                               | ± 5.0%       | ± 3.0%       | ± 3.0%       | ± 3.0%                                                                         | ± 2.0%                                 | ± 2.0%       | ± 2.0%       |  |
| SETUP, RISE, HOLD UP TIME   |                                           | 1000ms, 30ms, 50ms/230VAC      1500ms, 30ms, 15ms/115VAC at full load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
| INPUT                       | VOLTAGE RANGE <span>Note.7</span>         | 85 ~ 264VAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | FREQUENCY RANGE                           | 47 ~ 63Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | EFFICIENCY (Typ.)                         | 81%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 85%                                                                                                                  | 85%          | 86%          | 87%          | 88%                                                                            | 88%                                    | 88.5%        | 89%          |  |
|                             | AC CURRENT                                | 0.5A / 115VAC      0.3A / 230VAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | INRUSH CURRENT (max.)                     | Cold start 35A / 115VAC      65A / 230VAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | LEAKAGE CURRENT(max.)                     | 0.25mA / 240VAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
| PROTECTION                  | OVERLOAD                                  | 110 ~ 150% rated output power<br>Protection type : Hiccup mode, recovers automatically after fault condition is removed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | OVER VOLTAGE                              | 110 ~ 140% rated output voltage<br>Protection type : Clamp by zener diode, output short                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
| ENVIRONMENT                 | WORKING TEMP.                             | -30 ~ +70℃ (Refer to "Derating Curve")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | WORKING HUMIDITY                          | 20% ~ 90% RH non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | STORAGE TEMP., HUMIDITY                   | -40 ~ +85℃, 10 ~ 95% RH non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | TEMP. COEFFICIENT                         | ±0.03% / °C (0 ~ 50℃)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | VIBRATION                                 | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
| SAFETY & EMC<br>(Note. 9)   | SAFETY STANDARDS <span>Note. 8</span>     | UL62368-1, CSA C22.2 No.62368-1, TUV BS EN/EN62368-1, BSMI CNS14336, CCC GB4943.1,AS/NZS 60950.1,PSE J62368-1, BIS IS13252, KC K60950-1, EAC TP TC 004 approved; SIRIM MS IEC60950-1 (optional) approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | WITHSTAND VOLTAGE                         | I/P-O/P:4242VDC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | ISOLATION RESISTANCE                      | I/P-O/P:100M Ohms / 500VDC / 25℃ / 70% RH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | EMC EMISSION                              | Parameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Standard                                                                                                             |              |              |              |                                                                                | Test Level / Note                      |              |              |  |
|                             |                                           | Conducted emission                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | BS EN/EN55032(CISPR32),FCC PART 15 / CISPR22<br>CAN ICES-3(B)/NMB-3(B),CNS13438,GB17625.1<br>EAC TP TC 020,MSIP KN32 |              |              |              |                                                                                | Class B                                |              |              |  |
|                             |                                           | Radiated emission                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BS EN/EN55032(CISPR32),FCC PART 15 / CISPR22<br>CAN ICES-3(B)/NMB-3(B),CNS13438,GB17625.1<br>EAC TP TC 020,MSIP KN32 |              |              |              |                                                                                | Class B                                |              |              |  |
|                             |                                           | Harmonic current                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BS EN/EN61000-3-2,GB9254                                                                                             |              |              |              |                                                                                | Class A                                |              |              |  |
|                             |                                           | Voltage flicker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BS EN/EN61000-3-3                                                                                                    |              |              |              |                                                                                | -----                                  |              |              |  |
|                             | EMC IMMUNITY                              | Parameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Standard                                                                                                             |              |              |              |                                                                                | Test Level /Note                       |              |              |  |
|                             |                                           | ESD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | BS EN/EN61000-4-2                                                                                                    |              |              |              |                                                                                | Level 3, 8KV air; Level 2, 4KV contact |              |              |  |
|                             |                                           | RF field susceptibility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BS EN/EN61000-4-3                                                                                                    |              |              |              |                                                                                | Level 2, 3V/m                          |              |              |  |
|                             |                                           | EFT bursts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | BS EN/EN61000-4-4                                                                                                    |              |              |              |                                                                                | Level 2, 1KV                           |              |              |  |
|                             |                                           | Surge susceptibility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | BS EN/EN61000-4-5                                                                                                    |              |              |              |                                                                                | Level 3, 1KV/Line-Line                 |              |              |  |
|                             |                                           | Conducted susceptibility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | BS EN/EN61000-4-6                                                                                                    |              |              |              |                                                                                | Level 2, 3V                            |              |              |  |
| Magnetic field immunity     |                                           | BS EN/EN61000-4-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                      |              |              |              | Level 2, 3A/m                                                                  |                                        |              |              |  |
| Voltage dips , interruption |                                           | BS EN/EN61000-4-11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                      |              |              |              | > 95% dip 0. 5 periods, 30% dip 25 periods,<br>> 95% interruptions 250 periods |                                        |              |              |  |
| OTHERS                      | MTBF                                      | 3879.7K hrs min.      Telcordia SR-332 (Bellcore) ; 668.4K hrs min.      MIL-HDBK-217F (25℃)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | DIMENSION                                 | 79*54*33mm (L*W*H)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | PACKING                                   | 191.5g; 60pcs/12.5Kg/1.15CUFT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
| CONNECTOR                   | PLUG                                      | See page 4~5 ; Other type available by customer requested                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
|                             | CABLE                                     | See page 4~5 ; Other type available by customer requested                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |
| NOTE                        |                                           | 1.All parameters are specified at 230VAC input, rated load, 25℃ 70% RH ambient.<br>2.DC voltage: The output voltage set at point measure by plug terminal & 50% load.<br>3.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1μf & 47μf capacitor.<br>4.Tolerance: includes set up tolerance, line regulation, load regulation.<br>5.Line regulation is measured from low line to high line at rated load.<br>6.Load regulation is measured from 10% to 100% rated load.<br>7.Derating may be needed under low input voltage. Please check the derating curve for more details.<br>8.The demand for Malaysia safety is processed with the order no. GST18B □ -SIRIM by request. Please contact MEAN WELL for details.<br>9.The power supply is considered as an independent unit, but the final equipment still need to re-confirm that the whole system complies with the EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."<br>(as available on <a href="http://www.meanwell.com">http://www.meanwell.com</a> )<br>※ Product Liability Disclaimer : For detailed information, please refer to <a href="https://www.meanwell.com/serviceDisclaimer.aspx">https://www.meanwell.com/serviceDisclaimer.aspx</a> |                                                                                                                      |              |              |              |                                                                                |                                        |              |              |  |

## Derating Curve

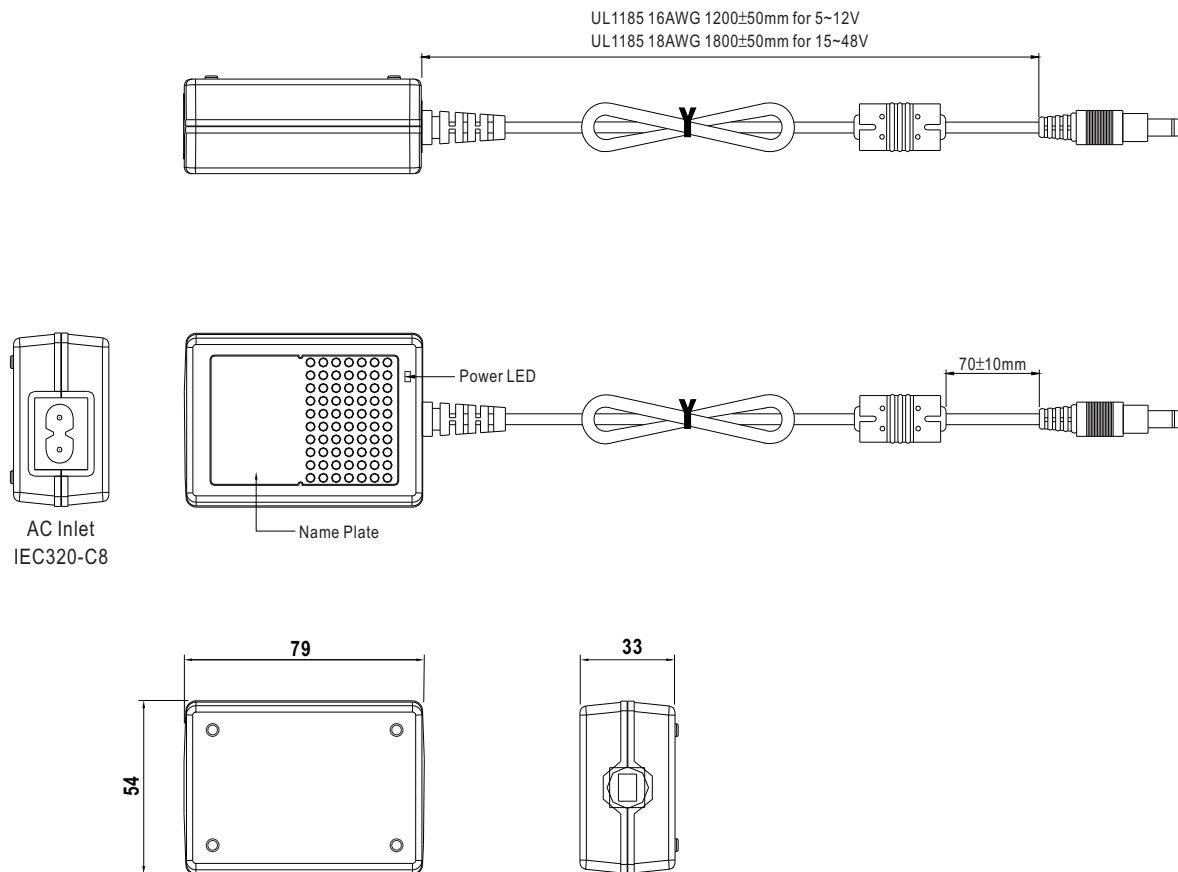


## Static Characteristics



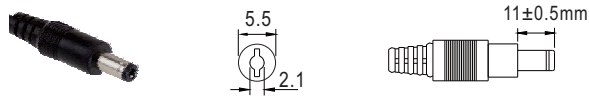
## Mechanical Specification

Unit:mm



### ■ DC output plug

- ◎ Standard plug: P1J

| P1J                                                                               | Pin Assignment                                                                                     |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|  |                 |
|                                                                                   | Outside  Inside |

- ◎ DC plug changeable through:

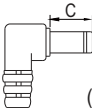
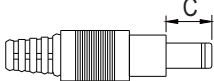
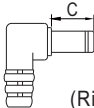
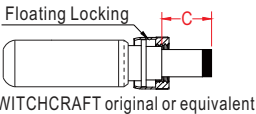
- (1) Customization of the standard part with an optional DC plug according to the table (MOQ applicable)
- (2) Quick adapter accessory (sold separately without MOQ)

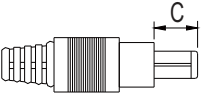
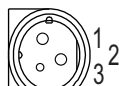
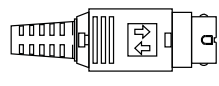
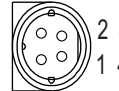
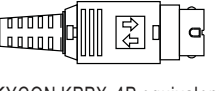
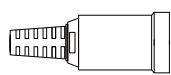
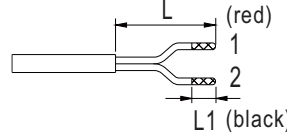
Please refer to below table and online selection guide : [https://www.meanwell.com/upload/pdf/DC\\_plug.pdf](https://www.meanwell.com/upload/pdf/DC_plug.pdf)

Example quick adapter accessory:



- ◎ Optional DC plug: (Available in customized cable or quick adapter)

| Tuning Fork Style                                                                                                                                                          |                                                                                                       | Type No.   | A<br>OD | B<br>ID | C<br>L | Quick Adapter<br>Accessory               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------|---------|---------|--------|------------------------------------------|
| <br> | <br>(Straight)     | P1I        | 5.5     | 2.1     | 9.5    | Available<br>(Current rating: 7.5A max.) |
|                                                                                                                                                                            |                                                                                                       | P1L        | 5.5     | 2.5     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                       | P1M        | 5.5     | 2.5     | 11.0   |                                          |
|                                                                                                                                                                            | <br>(Right-angled) | P1IR       | 5.5     | 2.1     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                       | P1JR       | 5.5     | 2.1     | 11.0   |                                          |
|                                                                                                                                                                            |                                                                                                       | P1LR       | 5.5     | 2.5     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                       | P1MR       | 5.5     | 2.5     | 11.0   |                                          |
| Barrel Style                                                                                                                                                               |                                                                                                       | Type No.   | A<br>OD | B<br>ID | C<br>L | None                                     |
| <br> | <br>(Straight)     | P2I        | 5.5     | 2.1     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                       | P2J        | 5.5     | 2.1     | 11.0   |                                          |
|                                                                                                                                                                            |                                                                                                       | P2L        | 5.5     | 2.5     | 9.5    |                                          |
|                                                                                                                                                                            | <br>(Right-angled) | P2M        | 5.5     | 2.5     | 11.0   |                                          |
|                                                                                                                                                                            |                                                                                                       | P2IR       | 5.5     | 2.1     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                       | P2JR       | 5.5     | 2.1     | 11.0   |                                          |
|                                                                                                                                                                            |                                                                                                       | P2LR       | 5.5     | 2.5     | 9.5    |                                          |
|                                                                                                                                                                            |                                                                                                       | P2MR       | 5.5     | 2.5     | 11.0   |                                          |
| Lock Style                                                                                                                                                                 |                                                                                                       | Type No.   | A<br>OD | B<br>ID | C<br>L | None                                     |
| <br> |                    | P2S(S761K) | 5.53    | 2.03    | 12.06  |                                          |
|                                                                                                                                                                            |                                                                                                       | P2K(761K)  | 5.53    | 2.54    | 12.06  |                                          |
|                                                                                                                                                                            |                                                                                                       | P2C(S760K) | 5.53    | 2.03    | 9.52   |                                          |
|                                                                                                                                                                            |                                                                                                       | P2D(760K)  | 5.53    | 2.54    | 9.52   |                                          |
|                                                                                                                                                                            |                                                                                                       |            |         |         |        |                                          |

| Min. Pin Style                                                                                                                                                                                                                                                                             | Type No.    | A<br>OD        | B<br>ID | C<br>L                                   | Quick Adapter<br>Accessory             |                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|---------|------------------------------------------|----------------------------------------|------------------------------------------|
|   <br>EIAJ equivalent                   | P3A         | 2.35           | 0.7     | 11.0                                     | Available<br>(Current rating: 5A max.) |                                          |
|                                                                                                                                                                                                                                                                                            | P3B         | 4.0            | 1.7     | 11.0                                     |                                        |                                          |
|                                                                                                                                                                                                                                                                                            | P3C         | 4.75           | 1.7     | 11.0                                     |                                        |                                          |
| Center Pin Style                                                                                                                                                                                                                                                                           | Type No.    | A<br>OD        | B<br>ID | C<br>L                                   | D<br>Center Pin                        | Available<br>(Current rating: 7.5A max.) |
|   <br>EIAJ equivalent                   | P4A         | 5.5            | 3.4     | 11.0                                     | 1.0                                    |                                          |
|                                                                                                                                                                                                                                                                                            | P4B         | 6.5            | 4.4     | 11.0                                     | 1.4                                    |                                          |
|                                                                                                                                                                                                                                                                                            | P4C         | 7.4            | 5.1     | 11.0                                     | 0.6                                    |                                          |
| Min. DIN 3 Pin with Lock (male)                                                                                                                                                                                                                                                            | Type No.    | Pin Assignment |         | Available<br>(Current rating: 7.5A max.) |                                        |                                          |
|   <br>KYCON KPPX-3P equivalent          | R6B         | PIN No.        | Output  |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 1              | +Vo     |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 2              | -Vo     |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 3              | +Vo     |                                          |                                        |                                          |
| Min. DIN 4 Pin with Lock (male)                                                                                                                                                                                                                                                            | Type No.    | Pin Assignment |         | Available<br>(Current rating: 7.5A max.) |                                        |                                          |
|   <br>KYCON KPPX-4P equivalent    | R7B         | PIN No.        | Output  |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 1              | +Vo     |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 2              | -Vo     |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 3              | -Vo     |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 4              | +Vo     |                                          |                                        |                                          |
| Min. DIN 4 Pin with Lock (female)                                                                                                                                                                                                                                                          | Type No.    | Pin Assignment |         | None                                     |                                        |                                          |
|   <br>KYCON KPJX-CM-4S equivalent | R7BF        | PIN No.        | Output  |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 1              | +Vo     |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 2              | -Vo     |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 3              | -Vo     |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 4              | +Vo     |                                          |                                        |                                          |
| DIN 5 Pin (male)                                                                                                                                                                                                                                                                           | Type No.    | Pin Assignment |         | Available<br>(Current rating: 7.5A max.) |                                        |                                          |
|                                   | R1B         | PIN No.        | Output  |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 1              | -Vo     |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 2              | -Vo     |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 3              | +Vo     |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 4              | -Vo     |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 5              | +Vo     |                                          |                                        |                                          |
| Stripped and tinned leads                                                                                                                                                                                                                                                                  | Type No.    | Pin Assignment |         | None                                     |                                        |                                          |
|  <br>Length of Land L1 by request<br>(MW's standard length, L: <u>25</u> mm, L1: <u>5</u> mm)                        | by customer | PIN No.        | Output  |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 1              | +Vo     |                                          |                                        |                                          |
|                                                                                                                                                                                                                                                                                            |             | 2              | -Vo     |                                          |                                        |                                          |

# Installation Manual

Please refer to : <http://www.meanwell.com/manual.html>