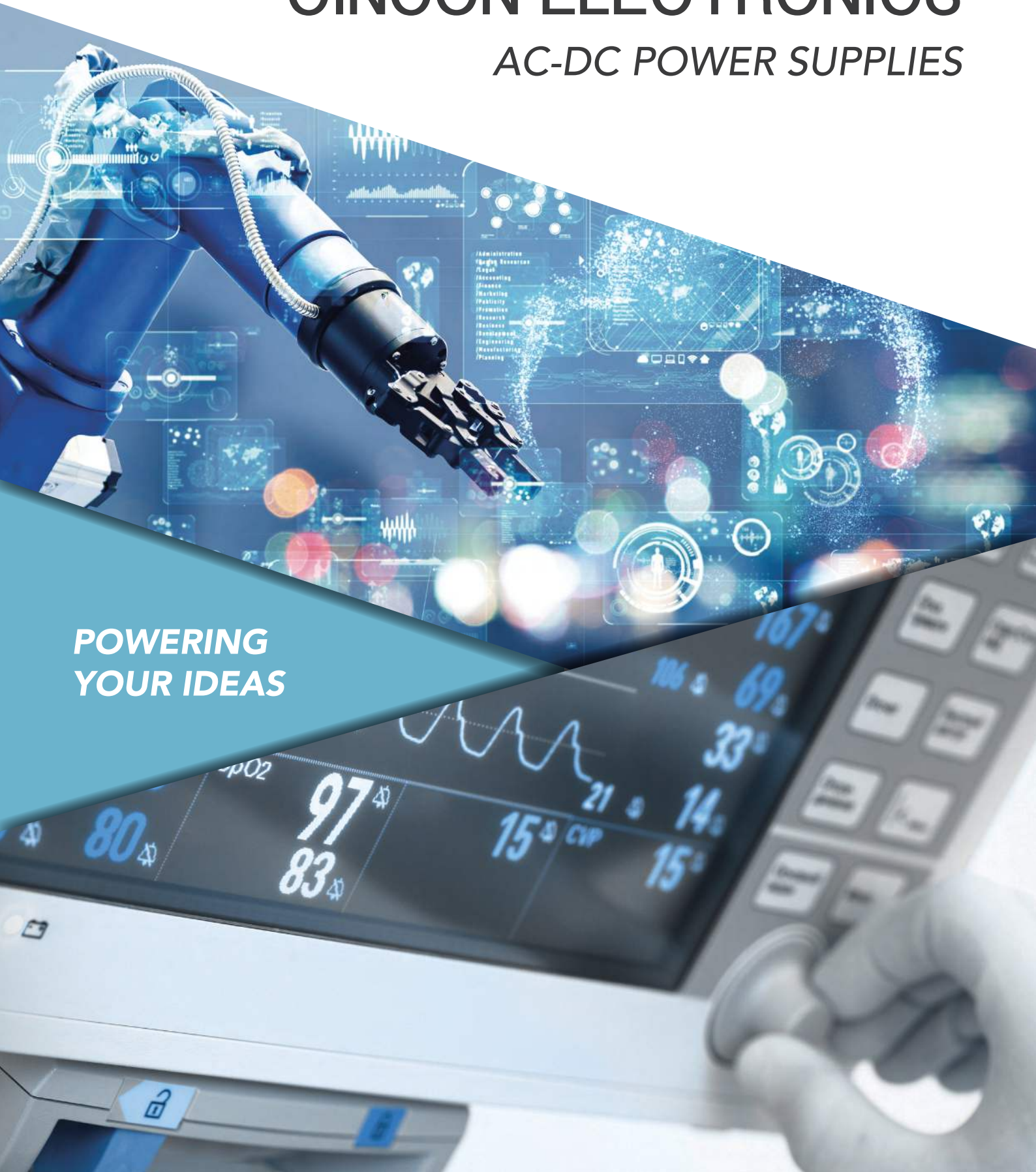




CINCON ELECTRONICS

AC-DC POWER SUPPLIES

**POWERING
YOUR IDEAS**



Featured Power Supplies



Home Healthcare Adapter 18W - 36W

Series		Output Power		Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	TR18RDM		18W	80-264V	5V, 9V, 12V, 15V, 18V, 24V	Up to 85.45%	2MOPP Altitude 5000m EN60601-1-11 Meets EN60335-1 Class II	3.165x1.693x1.453
	TR30RDM		30W		Up to 88%	3.807x2.283x1.703		
	TR36M		36W		5V, 9V, 12V, 13.5V, 15V, 18V, 24V, 36V, 48V	Up to 89%		3.937x1.771x0.886

IOT Power 6W & 12W

Series		Output Power		Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	CFM06S		6W	90-264V	3.3V, 5V, 9V, 12V, 15V, 24V	Up to 83%	Altitude 5000m Meets EN60335-1 Class II	1.555x0.764x0.720 (PCB-mount) 1.618x0.827x0.787 (Encapsulated) 1.950x0.728x0.689 (Wafer)
	CFM12S		12W		5V, 9V, 12V, 15V, 24V	Up to 87%		1.500x1.000x0.764 (PCB-mount) 1.600x1.1x0.772 (Encapsulated) 2.150x1.000x0.681 (Wafer)

Peak Load Power 25W - 80W

Series		Output Power		Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	CFM25S		25W	90-264V	5V, 12V, 15V, 24V, 36V, 48V	Up to 87%	2 Times Peak Load Altitude 5000m Meets EN60335-1 Class II	2.000x1.100x0.980 (PCB-mount) 2.091x1.193x0.976 (Encapsulated) 2.776x1.100x0.906 (Wafer)
	CFM41S		40W			Up to 90%		2.000x2.000x1.01 (PCB-mount) 2.14x2.14x1.035 (Encapsulated) 2.70x2.00x0.941 (Wafer)
	CFM61S		60W			Up to 90%		2.000x2.000x1.346 (PCB-mount) 2.136x2.136x1.409 (Encapsulated) 2.700x2.000x1.291 (Wafer)
	CFM81S		80W		12V, 15V, 24V, 48V	Up to 91%		2 Times Peak Load Altitude 5000m Meets EN60335-1 Class I & Class II

Baseplate-cooled 130W - 300W

Series	Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
 CFM130M  130W	90-264V	80-264V	12V, 24V, 36V, 48V	Up to 94%	2MOPP Altitude 5000m Meets EN60335-1 Class I & Class II	3.000x2.000x1.20 (Open-frame) 3.598x2.000x1.299 (Baseplate) 3.598x2.520x1.358 (Cover)
 CFM150S  150W						
 CFM200M  200W						
 CFM260S  260W	90-264V	85-264V	12V, 24V, 36V, 48V	Up to 93.5%	Altitude 5000m Meets EN60335-1 Class I & Class II	4.000x2.000x1.283 (Open-frame) 4.598x2.000x1.362 (Baseplate) 4.000x2.000x1.480 (Baseplate) 4.606x2.441x1.594 (Cover)
 CFM300S  300W						
 CFM300M  300W						
 CFM500M  500W		80-264V			2MOPP Altitude 5000m Meets EN60335-1 Class I	4.000x2.000x 1.323 (Open-frame) 4.598x2.000x 1.520 (Baseplate) 4.598x2.520x 1.594 (Cover) 5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover) 5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)

Brick Type 70W & 100W

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	CBM70S	 70W	80-264V	12V, 24V, 36V, 48V	Up to 89.5%	Low Profile Wide Operating Temp. Built-in EMI Filter & Capacitor Class I	2.28x2.40x0.67
	CBM100S	 100W		12V, 24V, 28V, 36V, 48V	Up to 91%		4.60x2.40x0.67

Medical



Wall-mount Adapter 15W & 18W & 30W

IEC/EN/UL 60601-1 Edition 3.1, IEC/EN/UL 60601-2 4th Edition

Interchangeable Plug (Class II)

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	TR15RAM	15W	90-264V	5V, 12V, 15V, 24V	Up to 82%	2MOPP	3.173x1.885x1.704
	TR18RDM	18W	80-264V	5V, 9V, 12V, 15V, 18V, 24V	Up to 85.45%	2MOPP Altitude 5000m EN60601-1-11 Meets EN60335-1	3.165x1.693x1.453
	TR30RAM	30W	90-264V		Up to 86%	2MOPP	4.278x2.440x1.445
	TR30RDM		80-264V		Up to 88%	2MOPP Altitude 5000m EN60601-1-11 Meets EN60335-1	3.807x2.283x1.703

Desktop Adapter 36W - 100W

Class II

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	TR36M	36W	80-264V	5V, 9V, 12V, 13.5V, 15V, 18V, 24V, 36V, 48V	Up to 89%	2MOPP Altitude 5000m EN60601-1-11 Meets EN60335-1	3.937x1.771x0.886
	TR60M	60W	90-264V	5V, 12V, 15V, 18V, 19V, 24V, 36V, 48V	Up to 87%	2MOPP Meets EN60335-1	5.197x2.283x1.201
	TR100M	100W		12V, 15V, 18V, 20V, 24V, 48V	Up to 89%		5.591x2.283x1.457

Class I & Class II

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	TR70M	70W	80-264V	12V, 15V, 18V, 24V, 36V, 48V	Up to 89%	2MOPP Altitude 5000m Meets EN60335-1	4.724x2.047x1.220

Open-frame 20W - 500W

On-board (Class II)

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	CFM21	20W	90-264V	3.3V, 5V, 9V, 12V, 15V, 24V	Up to 85%	2MOOP Meets EN60335-1	2.38x1.60x0.80 (PCB-mount)
	CFM21M			5V, 9V, 12V, 15V, 24V	Up to 86%	2MOPP Low Profile Altitude 5000m Meets EN60335-1	3.00x1.60x0.77 (Wafer) 2.53x1.74x0.80 (Encapsulated) 3.00x1.60x0.77 (Screw Terminal)

Connector (Class I)

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	CFM40M	40W	90-264V	3.3V, 5V, 9V, 12V, 15V, 24V, 30V, 36V, 48V	Up to 88%	2MOPP Meets EN60335-1	3.000x2.000x0.948 (PCB-mount) 3.000x2.000x0.909 (Wafer) 3.200x2.441x1.260 (Cover)
	CFM60M	60W		5V, 12V, 15V, 24V, 48V	Up to 90%		4.000x2.000x1.100 (Wafer) 4.606x2.441x1.575 (Cover)
	CFM100M	100W		5V, 7.5V, 9V, 12V, 15V, 18V, 24V, 28V, 36V, 48V	Up to 92%		5.000x3.000x1.050 (Wafer)
	CFM150M	150W		12V, 24V, 36V, 48V	Up to 93%		
	CFM351M	350W		5V, 12V, 24V, 48V			

Medical



Baseplate-cooled (Class I & Class II / Class I)

IEC/EN/UL 60601-1 Edition 3.1, IEC/EN/UL 60601-2 4th Edition

Series	Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
 CFM130M NEW	130W	80-264V	12V, 24V, 36V, 48V	Up to 94%	2MOPP Altitude 5000m Meets EN60335-1 Class I & Class II	3.000x2.000x1.20 (Open-frame) 3.598x2.000x1.299 (Baseplate) 3.598x2.520x1.358 (Cover)
 CFM200M NEW	200W	90-264V	12V, 24V, 48V	Up to 93.5%	2MOPP Meets EN60335-1 Class I & Class II	4.000x2.000x1.480 (Baseplate) 4.606x2.441x1.594 (Cover)
 CFM300M NEW	300W		12V, 24V, 36V, 48V	Up to 94%	2MOPP Meets EN60335-1 Class I	5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover)
 CFM500M NEW	500W	80-264V			2MOPP Altitude 5000m Meets EN60335-1 Class I	5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)

Enclosed (Class I & Class II / Class I)

Series	Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
 CFM40M	40W	90-264V	3.3V, 5V, 9V, 12V, 15V, 24V, 30V, 36V, 48V	Up to 88%	2MOPP Meets EN60335-1 Class I	3.000x2.000x0.909 (Wafer) 3.000x2.000x0.948 (PCB-mount) 3.200x2.441x1.260 (Cover)
 CFM60M	60W		5V, 12V, 15V, 24V, 48V	Up to 90%		4.000x2.000x1.100 (Wafer) 4.606x2.441x1.575 (Cover)
 CFM130M NEW	130W	80-264V	12V, 24V, 36V, 48V	Up to 94%	2MOPP Altitude 5000m Meets EN60335-1 Class I & Class II	3.000x2.000x1.20 (Open-frame) 3.598x2.000x1.299 (Baseplate) 3.598x2.520x1.358 (Cover)
 CFM200M NEW	200W	90-264V	12V, 24V, 48V	Up to 93.5%	2MOPP Meets EN60335-1 Class I & Class II	4.000x2.000x1.480 (Baseplate) 4.606x2.441x1.594 (Cover)
 CFM300M NEW	300W	90-264V	12V, 24V, 36V, 48V	Up to 94%	2MOPP Meets EN60335-1 Class I	5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover)
	CFM500M NEW	80-264V			2MOPP Altitude 5000m Meets EN60335-1 Class I	5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)

Industrial



IEC/EN/UL 62368-1

Wall-mount Adapter 6W - 30W

Fixed Plug (Class II)

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	TRE06	6W	90-264V	5V, 9V, 12V, 15V	Up to 82.61%	Cost Effective	2.047x1.417x0.992
	TRE15	15W		5V, 9V, 12V, 15V, 24V	Up to 84.5%	Cost Effective Altitude 5000m	2.795x1.906x1.299
	TRG15			5V, 6V, 7.5V, 9V, 12V, 13.6V, 15V, 18V, 24V	Up to 83%	Altitude 5000m	2.835x2.047x1.378
	TRE25	25W		5V, 9V, 12V, 15V, 18V, 24V	Up to 87%	Cost Effective	2.795x1.906x1.299

Interchangeable Plug (Class II)

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	TRG10R	10W	90-264V	5V, 5.9V, 6V, 7.5V, 9V, 12V, 13.6V, 15V, 18V, 24V	Up to 82.49%	LEVEL VI Efficiency	2.858x1.823x1.402
	TRE15R	15W		5V, 9V, 12V, 15V, 24V	Up to 84.5%	Cost Effective Altitude 5000m	2.795x2.220x1.299 2.835x2.244x1.299
	TRE15RD						
	TRE25R	25W		Up to 87%	Cost Effective		
	TRE25RD						
	TRG30RV	30W		5V, 9V, 12V, 15V, 18V, 24V	Up to 87.7%	Altitude 5000m	4.243x2.267x1.319
	TRG30RAV						4.278x2.440x1.445

Desktop Adapter 36W - 160W

Class I

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	TRH50A	50W	90-264V	12V, 15V, 18V, 19V, 24V, 28V, 36V, 48V	Up to 89%	Altitude 5000m	4.724x2.047x1.220 5.591x2.283x1.457
	TRH70A	70W					
	TRH100A	100W		12V, 13.5V, 15V, 18V, 19V, 24V, 28V, 36V, 48V	Up to 93%	Altitude 5000m Meets EN60335-1	5.906x2.756x1.497
	TRH160A	160W		12V, 24V, 28V, 30V, 36V, 48V, 56V			

Class II

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	TRE36	36W	90-264V	5V, 9V, 12V, 13.5V, 15V, 18V, 24V, 36V, 48V	Up to 88%	Altitude 5000m Meets EN60335-1	3.937x1.771x0.886
	TRG36A			5V, 9V, 12V, 13.5V, 15V, 18V, 24V, 48V	Up to 88.31%	LEVEL VI Efficiency	4.370x2.008x0.886

Open-frame 6W - 300W

On-board (Class II)

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	CFM06S	 6W	90-264V	3.3V, 5V, 9V, 12V, 15V, 24V	Up to 83%	Altitude 5000m Meets EN60335-1	1.555x0.764x0.720 (PCB-mount) 1.618x0.827x0.787 (Encapsulated) 1.950x0.728x0.689 (Wafer)
	CFM10	10W	85-264V		Up to 76%	Low Profile	2.599x1.772x0.906 (PCB-mount)
	CFM12S	 12W	90-264V	5V, 9V, 12V, 15V, 24V	Up to 87%	Altitude 5000m Meets EN60335-1	1.500x1.000x0.764 (PCB-mount) 1.600x1.1x0.772 (Encapsulated) 2.150x1.000x0.681 (Wafer)
	CFM15	15W	85-264V	3.3V, 5V, 9V, 12V, 15V, 24V	Up to 83%	Low Profile	2.752x1.890x0.906 (PCB-mount)
	CFM25S	 25W	90-264V	5V, 12V, 15V, 24V, 36V, 48V	Up to 87%	2 Times Peak Load Altitude 5000m Meets EN60335-1	2.000x1.100x0.980 (PCB-mount) 2.091x1.193x0.976 (Encapsulated) 2.776x1.100x0.906 (Wafer)
	CFM41S	 40W			Up to 90%		2.000x2.000x1.01 (PCB-mount) 2.14x2.14x1.035 (Encapsulated) 2.70x2.00x0.941 (Wafer)
	CFM61S	 60W					2.000x2.000x1.346 (PCB-mount) 2.136x2.136x1.409 (Encapsulated) 2.700x2.000x1.291 (Wafer)

Connector (Class I)

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	CFM20	20W	85-264V	3.3V, 5V, 9V, 12V, 15V, 24V	Up to 81%	Low Profile	3.501x2.000x1.000 (PCB-mount) 3.501x2.000x0.906 (Wafer)
	CFM40S	40W	90-264V	3.3V, 5V, 9V, 12V, 15V, 24V, 30V, 36V, 48V	Up to 87%	High Peak Load	4.000x2.000x1.275 (PCB-mount) 4.000x2.000x1.200 (Wafer) 4.606x2.441x1.575 (Cover)
	CFM40D/T			3.3V/5V/-12V, 5V/12V, 5V/12V/-12V, 5V/12V/-5V, 5V/15V/-15V, 5V/24V, 5V/24V/-12V, 5V/24V/-5V, 5V/24V/12V	Up to 81%	Dual/Triple Outputs	4.000x2.000x1.200 (Wafer) 4.606x2.441x1.575 (Cover)
	CFM60S	60W		3.3V, 5V, 9V, 12V, 15V, 24V, 30V, 36V, 48V	Up to 87%	High Peak Load	4.000x2.000x1.275 (PCB-mount) 4.000x2.000x1.200 (Wafer) 4.606x2.441x1.575 (Cover)
	CFM60T			3.3V/5V/-12V, 5V/12V/-12V, 5V/15V/-15V, 5V/24V/-12V	Up to 83%	Triple Outputs	4.000x2.000x1.260 (Wafer)
	CFM80S	80W		5V, 12V, 15V, 24V, 48V	Up to 90%	EN61000-3-2 Class A	4.000x2.000x1.142 (PCB-mount) 4.000x2.000x1.07 (Wafer)
	CFM81S 			12V, 15V, 24V, 48V	Up to 91%	2 Times Peak Load Altitude 5000m Meets EN60335-1 Class I & Class II	3.000x2.000x1.339 (Wafer) 3.200x2.441x1.575 (Cover)
	CFM130S 	130W		80-264V	12V, 24V, 36V, 48V	Up to 94%	Altitude 5000m Meets EN60335-1 Class I & Class II

Baseplated-cooled (Class I & Class II / Class I)

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	CFM150S	 150W	90-264V	12V, 24V, 28V, 36V, 48V	Up to 94%	Altitude 5000m Meets EN60335-1 Class I & Class II	4.00x2.00x1.283 (Open-frame) 4.598x2.00x1.362 (Baseplate)
	CFM260S	 260W	85-264V	12V, 24V, 36V, 48V	Up to 93%		4.000x2.000x1.323 (Open-frame) 4.598x2.000x1.520 (Baseplate) 4.598x2.520x1.594 (Cover)
	CFM300S	 300W	90-264V		Up to 94%	Altitude 5000m Meets EN60335-1 Class I	5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover)

Enapsulated 6W - 100W

On-board (Class II)

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	CFM06S	 6W	90-264V	3.3V, 5V, 9V, 12V, 15V, 24V	Up to 83%	Altitude 5000m Meets EN60335-1	1.555x0.764x0.720 (PCB-mount) 1.618x0.827x0.787 (Encapsulated) 1.950.x0.728x0.689 (Wafer)
	CFM12S	 12W		5V, 9V, 12V, 15V, 24V	Up to 87%		1.500x1.000x0.764 (PCB-mount) 1.600x1.1x0.772 (Encapsulated) 2.150x1.000x0.681 (Wafer)
	CFM25S	 25W		5V, 12V, 15V, 24V, 36V, 48V	Up to 87%	2 Times Peak Load Altitude 5000m Meets EN60335-1	2.000x1.100x0.980 (PCB-mount) 2.091x1.193x0.976 (Encapsulated) 2.776x1.100x0.906 (Wafer)
	CFM41S	 40W			Up to 90%		2.000x2.000x1.01 (PCB-mount) 2.14x2.14x1.035 (Encapsulated) 2.70x2.00x0.941 (Wafer)
	CFM61S	 60W					2.000x2.000x1.346 (PCB-mount) 2.136x2.136x1.409 (Encapsulated) 2.700x2.000x1.291 (Wafer)

Brick Type (Class I)

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	CBM70S	 70W	90-264V	12V, 24V, 36V, 48V	Up to 89.5%	Low Profile Wide Operating Temp. Built-in EMI Filter & Capacitor	2.28x2.40x0.67
	CBM100S	100W		12V, 24V, 28V, 36V, 48V	Up to 91%		4.60x2.40x0.67

Enclosed & Din-rail 40W - 300W

Connector (Class I)

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	CFM40S	40W	90-264V	3.3V, 5V, 9V, 12V, 15V, 24V, 30V, 36V, 48V	Up to 87%	High Peak Load	4.000x2.000x1.275 (PCB-mount) 4.000x2.000x1.200 (Wafer) 4.606x2.441x1.575 (Cover)
	CFM60S	60W					
	CFM81S	 80W		12V, 15V, 24V, 48V	Up to 91%	2 Times Peak Load Altitude 5000m Meets EN60335-1 Class I & Class II	3.000x2.000x1.339 (Wafer) 3.200x2.441x1.575 (Cover)
	CFM130S	 130W	80-264V	12V, 24V, 36V, 48V	Up to 94%	Altitude 5000m Meets EN60335-1 Class I & Class II	3.000x2.000x1.20 (Open-frame) 3.598x2.000x1.299 (Baseplate) 3.598x2.520x1.358 (Cover)
	CFM260S	 260W	85-264V		Up to 93%	Altitude 5000m Meets EN60335-1	4.000x2.000x 1.323 (Open-frame) 4.598x2.000x 1.520 (Baseplate) 4.598x2.520x 1.594 (Cover)
	CFM300S	 300W	90-264V		Up to 94%		5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover)

Din-rail (Class I)

Series		Output Power	Input Voltage (VAC)	Output Voltage (VDC)	Eff.	Key Feature	Package / Dimension (inch)
	CFM40C	40W	90-264V	3.3V, 5V, 9V, 12V, 15V, 24V, 30V, 36V, 48V	Up to 90%	EN55032 Class B	5.433x2.323x1.894
	CFM60C	60W					



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