



ECLB40W SERIES 40 WATT 4:1 INPUT DC-DC CONVERTERS



FEATURES

- * 40W Isolated Output
- * Efficiency to 91%
- * 2.05"x1.2x0.4" Six-Sided Shield Metal Case
- * 4:1 Input Range
- * Regulated Outputs
- * Fixed Switching Frequency
- * Low No Load Power Consumption
- * Input Under Voltage Protection
- * Over Current Protection
- * Remote On/Off
- * Continuous Short Circuit Protection
- * No Tantalum Capacitor Inside
- * Safety Meets IEC/EN/UL 62368-1



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% EFF.		CAPACITOR LOAD MAX.
			MIN.	MAX.	NO LOAD	FULL LOAD	(3)	(2)	
ECLB40W-24S33	9-36 VDC	3.3 VDC	0 mA	10000 mA	8 mA	1528 mA	88.5	90	10000μF
ECLB40W-24S05	9-36 VDC	5 VDC	0 mA	8000 mA	8 mA	1842 mA	89.5	90.5	8000μF
ECLB40W-24S12	9-36 VDC	12 VDC	0 mA	3333 mA	10 mA	1832 mA	90.5	91	3300μF
ECLB40W-24S15	9-36 VDC	15 VDC	0 mA	2666 mA	10 mA	1842 mA	90.5	90.5	2700μF
ECLB40W-24D12	9-36 VDC	±12 VDC	0 mA	±1667 mA	10 mA	1873 mA	89.5	89	1650μF
ECLB40W-24D15	9-36 VDC	±15 VDC	0 mA	±1333 mA	10 mA	1862 mA	90	89.5	1350μF
ECLB40W-48S33	18-75 VDC	3.3 VDC	0 mA	10000 mA	6 mA	764 mA	89	90	10000μF
ECLB40W-48S05	18-75 VDC	5 VDC	0 mA	8000 mA	6 mA	921 mA	90	90.5	8000μF
ECLB40W-48S12	18-75 VDC	12 VDC	0 mA	3333 mA	8 mA	921 mA	91.5	90.5	3300μF
ECLB40W-48S15	18-75 VDC	15 VDC	0 mA	2666 mA	8 mA	921 mA	91	90.5	2700μF
ECLB40W-48D12	18-75 VDC	±12 VDC	0 mA	±1667 mA	8 mA	932 mA	90	89.5	1650μF
ECLB40W-48D15	18-75 VDC	±15 VDC	0 mA	±1333 mA	8 mA	926 mA	90.5	90	1350μF

NOTE:

1. Nominal Input Voltage 24 or 48 VDC
2. Measured at Nominal Input Voltage
3. Measured at 12VDC for 24Vin, 24VDC for 48Vin

