



300W Single Output Switching Power Supply

FM300-12V

MPN: OMP-EP300PFC-12V

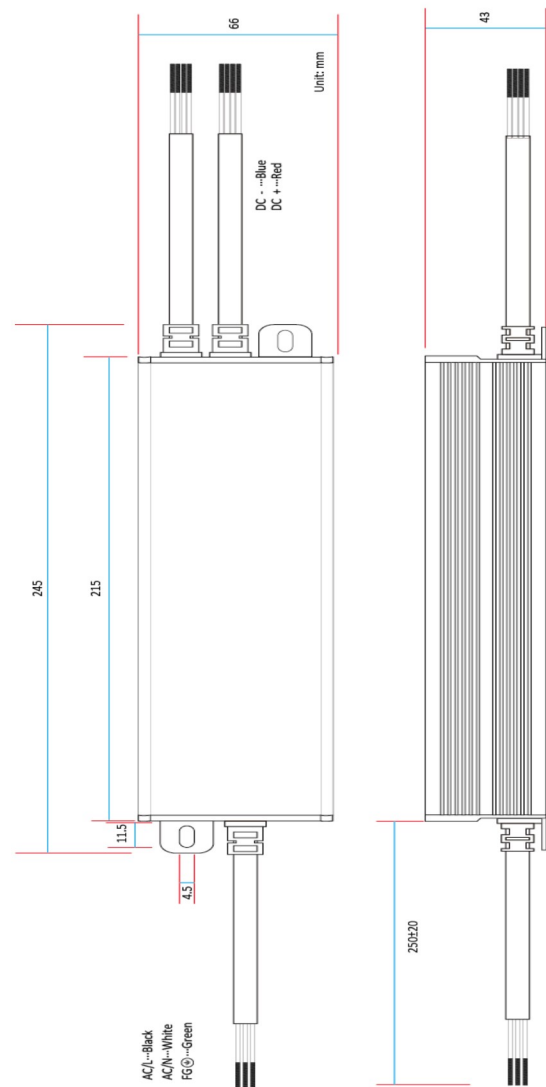


■ Features:

- * Constant Voltage
- * Variable AC input 90-277 VAC, Dual Output
- * IP68 construction with waterproof enclosure
- * Suitable for Dry, Damp and Wet Location
- * Protection: Short Circuit / Over Temp. / Over Voltage
- * Aluminum Case
- * 100% full load burn-in test
- * 5 years warranty
- * LLC current resonant technology with 92-96% efficiency, reduced size and increased reliability.



INPUT	VOLTAGE	AC90V - 277V
	AC CURRENT	2.9A@115VAC, 1.4A@240VAC
	FREQUENCY	50/60Hz
	INRUSH CURRENT	50A
	POWER FACTOR	0.95 min
	POWER FACTOR CORRECTION	Built-in PFC
	THD	10% max
	EFFICIENCY	92%
OUTPUT	VOLTAGE	12VDC
	RATED CURRENT	25A (15A Max/Output, Dual Output)
	LINE & LOAD REGULATION	+/-5%
	RIPPLE & NOISE(MAX)	200mVp-p
	SETUP, RISING TIME	1 SEC
PROTECTION	ENCLOSURE PROTECTION	IP68
	CLASS	Class 1
	SHORT CIRCUIT	Auto Restart
	OVER CURRENT	Auto Restart
	OVER TEMPERATURE	Auto Restart
ISOLATION	WITH STAND VOLTAGE	P-S3.75KV 10mA
	ISOLATION RESISTANCE	500V 100MΩ
ENVIRONMENT	WORKING TEMP. & HUMIDITY	-4~122°F, 20~85%RH
	STORAGE TEMP. & HUMIDITY	-4~167°F, 5~95%RH
OTHERS	EMI	Cisper22 Class B
	SURGE	L-N : ±2KV / L-F.G : ±4KV
	DIMENSION (INCH)	9.6 x 2.6 x 1.7
	WEIGHT (LBS)	2.1
	CASE MATERIAL	Aluminum
	MOLDING MATERIAL	Silicon
	CERTIFICATE	UL879 / UL8750 - UL E528990
	QTY/CTN	10



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Sign Accessories

E528990

Guide Information

E-POWER Co Ltd

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OMP-EP300PFC-12V

Drivers

Conditions of Use:

1. Environmental Suitability: Wet, Damp or Dry Location.
2. This product may require an enclosure (to be determined in the end use).
3. Circuit Type: Isolated
4. Input Ratings - Voltage: 120-277Vac; Frequency: 50/60Hz; Max Amps: 3.5A
5. Output Ratings - Voltage: 12Vdc; Amps: 25A; Max Watts: 60W

Report Date: 2022-06-29

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