



100W Single Output Switching Power Supply

EP-100W-12V

MPN: OMP-EP100PFC-12V



Features:

- * Constant Voltage
- * Variable AC input 90-277 VAC
- * 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	0.97A@115VAC, 0.47A@240VAC
	FREQUENCY	50/60Hz
	INRUSH CURRENT	50A
	POWER FACTOR	0.97 min.
	POWER FACTOR CORRECTION	Built-in PFC
	THD	10% max
	EFFICIENCY	92%
OUTPUT	VOLTAGE	12VDC
	RATED CURRENT	8.3A
	LINE & LOAD REGULATION	+/-5%
	RIPPLE & NOISE(MAX)	200mVp-p
	SETUP, RISING TIME	1 Sec
PROTECTION	ENCLOSURE PROTECTION	IP68
	CLASS	Class 2
	SHORT CIRCUIT	Auto Restart
	OVER CURRENT	Auto Restart
ISOLATION	OVER TEMPERATURE	Auto Restart
	WITH STAND VOLTAGE	P-S3.75KV 10mA
ENVIRONMENT	ISOLATION RESISTANCE	500V 100MΩ
	WORKING TEMP. & HUMIDITY	-4~122°F, 20~85%RH
OTHERS	STORAGE TEMP. & HUMIDITY	-4~167°F, 5~95%RH
	EMI	Cisper22 Class B
	SURGE	L-N : ±2KV / L-F.G : ±4KV
	DIMENSION (INCH)	4.7 x 2.1 x 1.4
	WEIGHT (LBS)	0.9
	CASE MATERIAL	Aluminum
	MOLDING MATERIAL	Silicon
	CERTIFICATE	UL879 / UL8750 - UL E528990
	QTY/CTN	20

