



100W Single Output Switching Power Supply

100W-12V

96W-24V- Class 2



■ 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 85-96% efficiency, reduced size and increased reliability.



	Model	OMS-EP100PFC-12V	OMS-EP96W-24V
INPUT	VOLTAGE	AC90V - 277V	
	AC CURRENT	0.94A@115VAC, 0.445A@240VAC	
	FREQUENCY	50/60Hz	
	INRUSH CURRENT	50A	
	POWER FACTOR	0.62 min.	
	POWER FACTOR CORRECTION	No	
	THD	10% max	
	EFFICIENCY	92%	86%
OUTPUT	VOLTAGE	12VDC	24VDC
	RATED CURRENT	8.3A	4.0A
	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	
	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	Cispr22 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 - UL E528990	
	QTY/CTN	20	20

