60W Single Output Switching Power Supply

FM60-12V

MPN: OMP-EP60W-12V

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 92-96% efficiency, reduced size and increased reliability.

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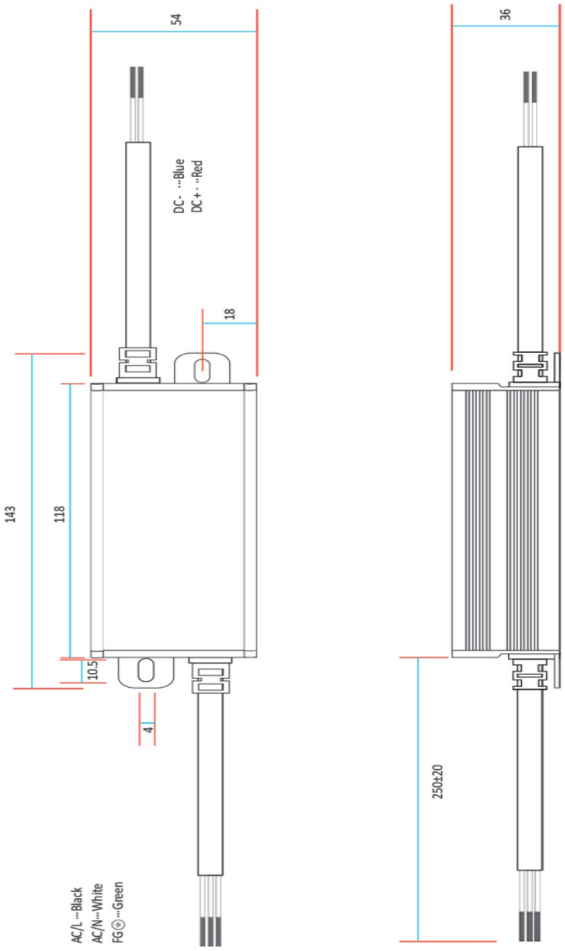
INPUT	VOLTAGE	AC90V - 277V
	AC CURRENT	0.94A@115VAC, 0.445A@240VAC
	FREQUENCY	50/60Hz
	INRUSH CURRENT	50A
	POWER FACTOR	0.62 min.
	POWER FACTOR CORRECTION	No
	THD	10% max
	EFFICIENTY	85%
OUTPUT	VOLTAGE	12VDC
	RATED CURRENT	5.0A
	LINE & LOAD REGULATION	+/-5%
	RIPPLE & NOISE(MAX)	200mVp-p
	SETUP, RISING 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	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 - UL E528990
	QTY/CTN	20



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Sign Accessories E528990

Guide Information

E-POWER Co Ltd

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OMS-EP60W-12V

Drivers

Conditions of Use:

1. Environmental Suitability: Damp or Dry Location Only.
2. This product may require an enclosure (to be determined in the end use).
3. Circuit Type: Class 2
4. This device is of the constant voltage type which requires that the number of modules and controllers used does not exceed the maximum output current.
5. Input Ratings - Voltage: 100-277Vac; Frequency: 50/60Hz; Max Amps: 1.06A; Max Watts: 66W
6. Output Ratings - Voltage: 12Vdc; Amps: 5.0A
7. Maximum ambient temperature permitted without additional testing is 50°C.

Report Date: 2022-09-30
Last Revised: 2022-10-10