



# 150W Single Output Switching Power Supply

# FM150-12V

MPN: OMP-EP150PFC-12V

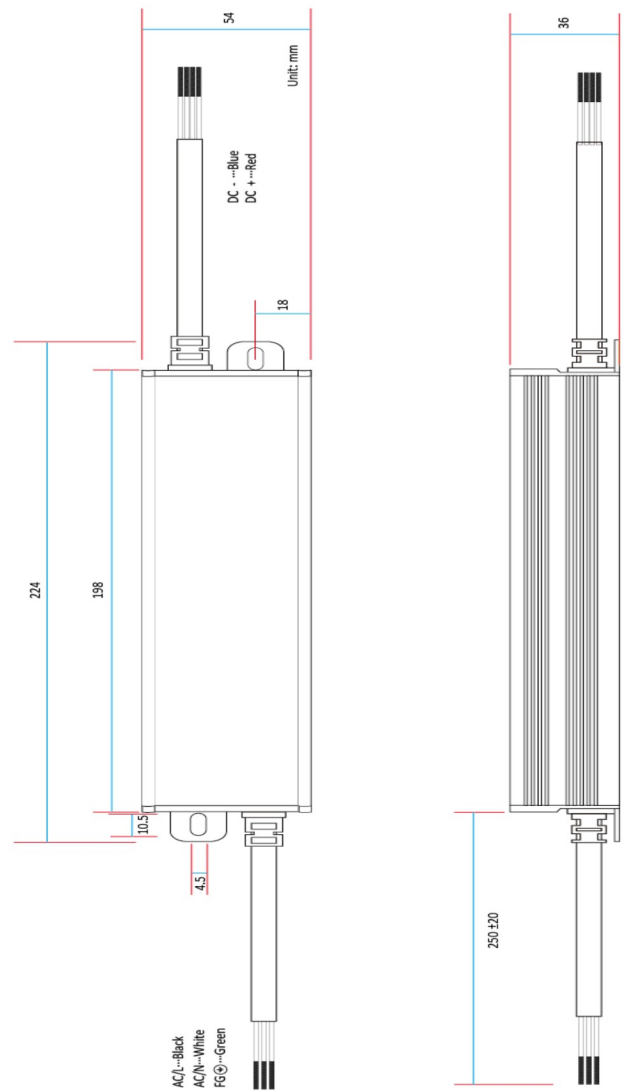


### ■ Features:

- \* 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	1.5A@115VAC, 0.7A@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	12.5A
	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)	8.8 x 2.1 x 1.4
	WEIGHT (LBS)	1.4
	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-EP150PFC-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: 1.8A
5. Output Ratings - Voltage: 12Vdc; Amps: 12.5A; Max Watts: 150W

Report Date: 2022-06-29

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