



100W Single Output Switching Power Supply

FP100-24V

MPN: IPS-EP100W-24V

Class 2

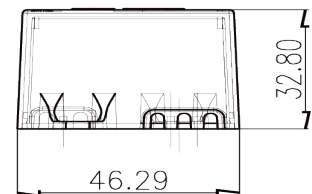
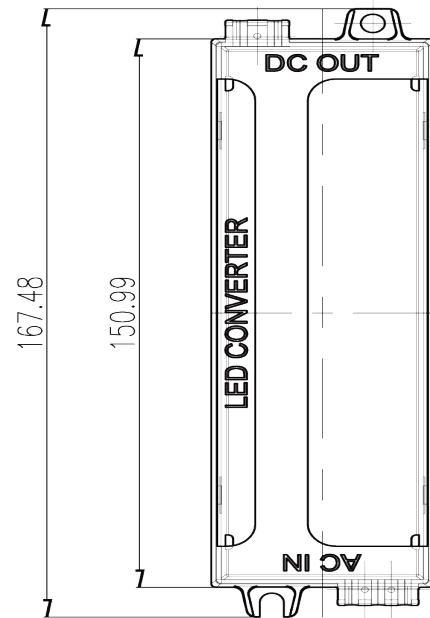


■ Features:

- * Constant Voltage
- * Variable AC input 90-277 VAC
- * IP62 construction with waterproof enclosure
- * Suitable for Dry, Damp and Wet Location
- * Protection: Short Circuit / Over Temp. / Over Voltage
- * Plastic Case
- * 100% full load burn-in test
- * 3 years warranty
- * LLC current resonant technology with 92-96% efficiency, reduced size and increased reliability.



INPUT	VOLTAGE	AC90V - 277V
	AC CURRENT	1.8A
	FREQUENCY	50/60Hz
	INRUSH CURRENT	50A
	POWER FACTOR	0.62 min.
	POWER FACTOR CORRECTION	No
	THD	10% max
	EFFICIENCY	87%
OUTPUT	VOLTAGE	24VDC
	RATED CURRENT	4.15A
	LINE & LOAD REGULATION	+/-5%
	RIPPLE & NOISE(MAX)	200mVp-p
	SETUP, RISING TIME	1 Sec
PROTECTION	ENCLOSURE PROTECTION	IP62
	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)	6.6 x 1.8 x 1.3
	WEIGHT (LBS)	0.9
	CASE MATERIAL	Plastic
	MOLDING MATERIAL	Silicon
	CERTIFICATE	UL879 - UL E528990
QTY/CTN	40	



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Sign Accessories

E528990

Guide Information

E-POWER Co Ltd

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IPS-EP100W-24V

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: 1.8A; Max Watts: 114W
6. Output Ratings - Voltage: 24Vdc; Amps: 4.15A
7. Maximum case temperature is 87.5°C.
8. Maximum ambient temperature permitted without additional testing is 50°C.

Report Date: 2022-11-29

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