



100W Open Frame type Single output power supply > EP1100A

Open Frame



Features

- 100-240VAC Universal Input
- Protections:
 Short circuit / Over voltage / Over current
- Energy Efficiency Level VI
- No Load Power Consumption $\leq 0.21W$
- MTBF > 50,000 hours

EP1100 A

A: NO PFC Function

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EP1100A	100W	12V	0A	8.33A	$\pm 5\%$	$\pm 1\%$	240mV

NOTE:

- 1 : Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.
- 2 : Line regulation is defined by changing $\pm 10\%$ of input voltage from nominal line at rated load.
- 3 : Max. Power (W) $\geq V_o \times I_o$

Electrical Specification

INPUT

- Input Range: 100 to 240 VAC
- Frequency: 50 to 60Hz
- Input Current: $\leq 2.5A$
- Inrush Current: 50A/100VAC 100A/230VAC
- Hold Up Time: $\geq 8.3ms$
- Turn On Time: $\leq 3s$

OUTPUT

- Short Circuit Protection: Auto Recovery
- Over Voltage Protection: Auto Recovery
- Over Current Protection: Auto Recovery

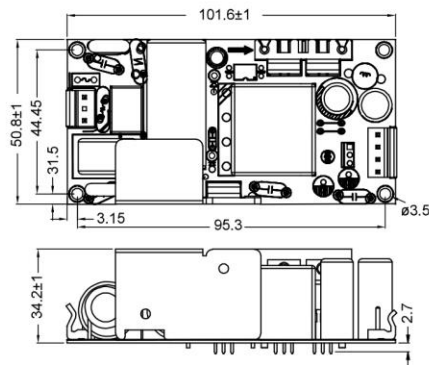
ENVIRONMENT

- Operating Temperature: 0 to 50°C
- Storage Temperature: -20 to 85°C
- Operating Humidity: 10% to 90%
- Storage Humidity: 5% to 95%

SAFETY

- Certified: UL/cUL 60950-1, CB IEC 60950-1, FCC

Mechanical Specification



- Mechanical Size: 101.6L x 50.8W x 34.2H (mm)
- AC Input Connector: Molex 09-65-2048 or equivalent
- DC Output Connector: JST VH Series or equivalent
- Pin Assignment:

CON2:

Single Output	P1-2 GND	P3-4 VOUT
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- Weight: 200g