



External power supplies



AC/DC Single Output Desk top Type

150~180 Watts Max.

EA11801 Series



Features

- ErP level V
- Energy saving compact design
- CEC compliance
- RoHS compliance
- IEC320 C14
- Over voltage and over current protection
- MTBF: >50,000 hours
- Fanless

Electrical Specifications

RS STOCK NO.	MODEL OUTPUT	VOLTAGE (Vo)	MAX. LOAD (Lo)	POWER (Watts)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
667-7261	EA11801A-120(09)	12V	12.5A	150W	+/- 5%	+/- 1%	1.5%
667-7265	EA11801C-180(01)	18V	9.47A	170W	+/- 5%	+/- 1%	1.5%
667-7274	EA11801E-190(06)	19V	9.47A	180W	+/- 5%	+/- 1%	1.5%
667-7277	EA11801M-240(11)	24V	7.5A	180W	+/- 5%	+/- 1%	1.5%

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. Output Power (W) $\geq V_o \times I_o$

Electrical Specifications

Mechanical Specification

INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current 1.5A at 230VAC
- Inrush Current 100A at 230VAC
- Efficiency 87% Typ.
- Hold Up Time $\geq 10\text{ms}$
- Turn On Time $\leq 3\text{s}$

OUTPUT

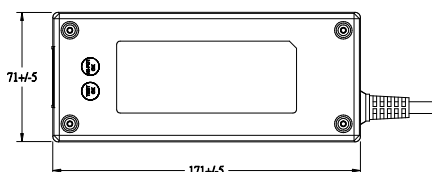
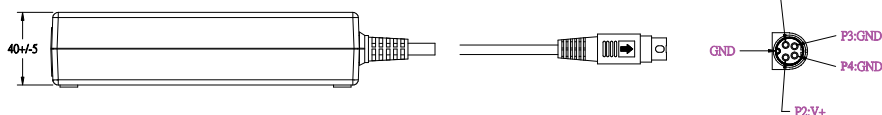
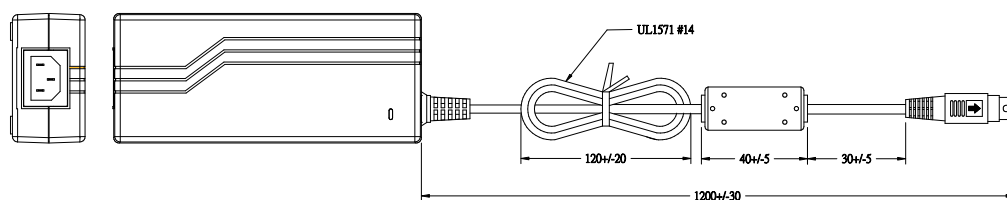
- Over Voltage Protection Latched
- Short Circuit Protection Auto Recovery

ENVIRONMENTAL

- Operating Temperature 0 to 40°C
- Storage Temperature -20 to 85 °C
- Storage Humidity 5 % to 95%

SAFETY

- UL60950-1, EN60950-1, IEC60950-1, CE, FCC



- Case Size: 171Lx71Wx40H (mm)
- AC Inlet: C14
- Weight: 820g