



# External power supplies



AC/DC Single Output Desk top Type 180~200 Watts Max.  
EA12101 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	RIPLE & NOISE
667-7280	EA12101M-240(16)	24V	8.33A	200W	+/- 5%	+/- 1%	1.5%
667-7271	EA12101A-120(04)	12V	15A	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 110 to 220 VAC
- Frequency 47 to 63Hz
- Input Current 2A 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

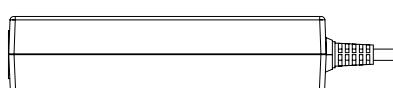
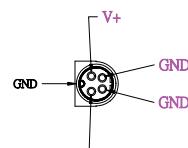
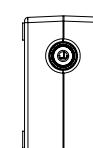
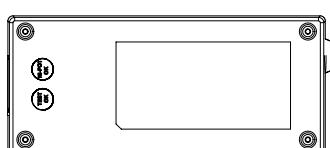
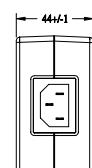
- Over Voltage Protection Latched
- Short Circuit Protection Auto Recovery

### 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



- Case Size: 182Lx80Wx44H (mm)
- AC Inlet: C14
- Weight: 1000g