

# EA1250 Series

AC/DC Single Output Desk Top Type  
• 160~250Watts Max.



## Features

- Active PFC Function
- DoE Compliance
- RoHS Compliance
- IEC320 C14, C8, C6, C18
- Over Voltage Protective Installation
- Over Current Protective Installation
- Over Temperature Protective Installation
- Short Circuit Protective Installation
- LED Indication
- MTBF: >50,000 hours

## EA1250 x Y - wv PP

**x:** Case type: 1. C14 2. C8 3. C6 6. C18

**Y:** Output range

**wv:** Specified output voltage, ie 24 is 24Vdc

**PP:** Connector type, ie 01 for EDACPOWER standard dc cable or please refer to the appendix page

## Electrical Specifications

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1250xA	160W	12V~18V	0A	13.33A	± 5%	± 1%	300mV
EA1250xB	180W	12V~18V	0A	15.00A	± 5%	± 1%	300mV
EA1250xC	180W	19V~28V	0A	9.47A	± 5%	± 1%	350mV
EA1250xD	200W	12V~18V	0A	16.66A	± 5%	± 1%	300mV
EA1250xE	200W	19V~28V	0A	10.52A	± 5%	± 1%	350mV
EA1250xF	200W	32V~42V	0A	6.25A	± 5%	± 1%	450mV
EA1250xG	200W	44V~56V	0A	4.54A	± 5%	± 1%	600mV
EA1250xH	220W	12V~18V	0A	18.33A	± 5%	± 1%	300mV
EA1250xJ	220W	19V~28V	0A	11.57A	± 5%	± 1%	350mV
EA1250xK	220W	32V~42V	0A	6.87A	± 5%	± 1%	450mV
EA1250xL	220W	44V~56V	0A	5A	± 5%	± 1%	600mV
EA1250xM	230W	19V~28V	0A	12.10A	± 5%	± 1%	350mV
EA1250xN	230W	32V~42V	0A	7.18A	± 5%	± 1%	450mV
EA1250xP	230W	44V~56V	0A	5.22A	± 5%	± 1%	600mV
EA1250xQ	250W	19V~28V	0A	13.15A	± 5%	± 1%	350mV
EA1250xR	250W	32V~42V	0A	7.81A	± 5%	± 1%	450mV
EA1250xS	250W	44V~56V	0A	5.68A	± 5%	± 1%	600mV

### 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 ±10% of input voltage from nominal line at rated load.
- 3 : Max. Output Power (W) ≥Vo x Io

## Electrical Specifications

### INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current 3.5 to 2.5A
- Inrush Current ≤100A At cold start
- Efficiency Meet CEC Level VI (DoE), CoC Tier 2
- Hold Up Time ≥8.3mS
- Turn On Time ≤3s

### OUTPUT

- Over Voltage Protection Auto Recovery or Latch Off
- Short Circuit Protection Auto Recovery
- Over Current Protection Auto Recovery
- Over Temperature Protection Latch off

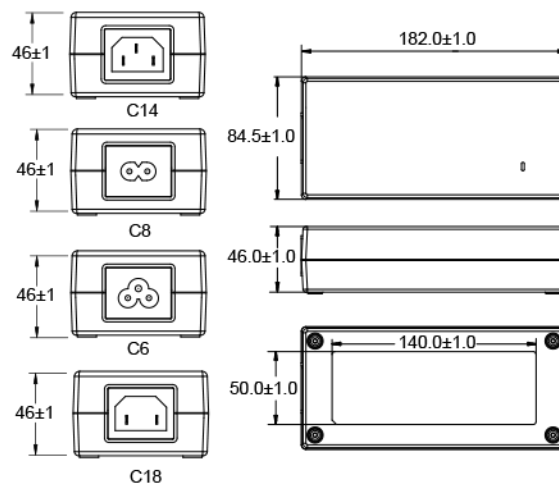
### ENVIRONMENTAL

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

### SAFETY

- UL/cUL, TUV, CB, CE, FCC, CCC

## Mechanical Specification



- Case Size: 182Lx84.5Wx46H (mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 1000g