

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 - vv PP

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

Y: Output range

vv: 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

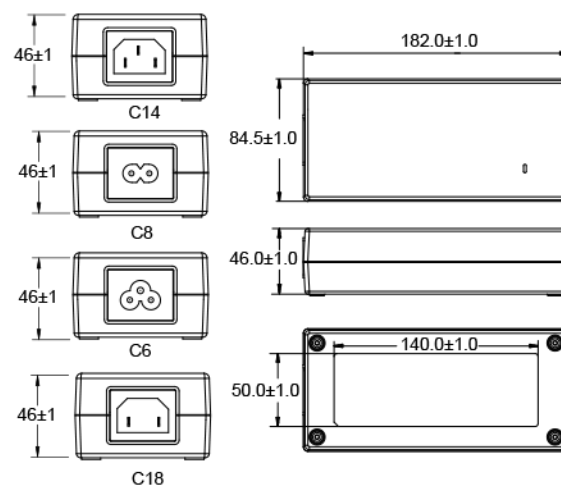
ENVIRONMENTAL

- 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