



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

EA1300 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 |
|-----------|-----------------------|---------------------|----------------|----------------|-----------------|-----------------|----------------|
| EA1300xA | 230W | 12~18 | 0 | 19.16A | ± 5% | ± 1% | 240mV |
| EA1300xB | 240W | 12~18 | 0 | 20.0A | ± 5% | ± 1% | 240mV |
| EA1300xC | 250.2W | 12~18 | 0 | 20.85A | ± 5% | ± 1% | 240mV |
| EA1300xD | 260W | 19~28 | 0 | 13.68A | ± 5% | ± 1% | 360mV |
| EA1300xE | 270W | 19~28 | 0 | 14.21A | ± 5% | ± 1% | 360mV |
| EA1300xF | 270W | 32~42 | 0 | 8.43A | ± 5% | ± 1% | 630mV |
| EA1300xG | 270W | 44~56 | 0 | 6.13A | ± 5% | ± 1% | 840mV |
| EA1300xH | 280W | 19~28 | 0 | 14.73A | ± 5% | ± 1% | 360mV |
| EA1300xM | 290W | 19~28 | 0 | 15.26A | ± 5% | ± 1% | 360mV |
| EA1300xN | 300W | 19~28 | 0 | 15.78A | ± 5% | ± 1% | 360mV |
| EA1300xP | 310W | 32~42 | 0 | 9.68A | ± 5% | ± 1% | 630mV |
| EA1300xQ | 310W | 44~56 | 0 | 7.04A | ± 5% | ± 1% | 840mV |

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. Power (W) ≥Vo x Io

Electrical Specifications

INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current 5A to 2.5A
- Inrush Current ≤150A 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 Latch off
- Short Circuit Protection Auto Recovery
- Over Current Protection Auto Recovery
- Over Temperature Protection Latch off

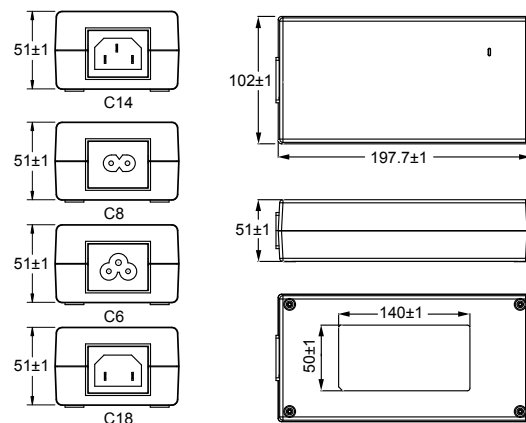
ENVIRONMENTAL

- 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: 197.7L x 102W x 51H(mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 1.7Kg