



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

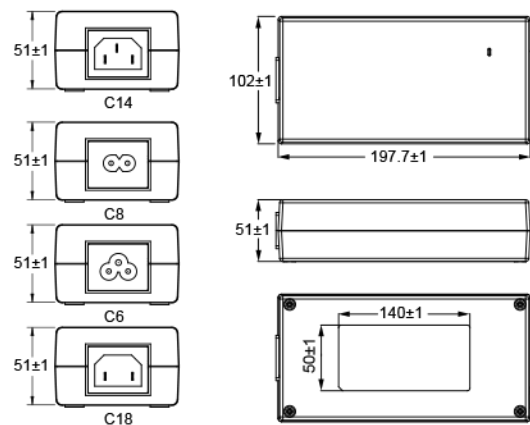
ENVIRONMENTAL

- 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