

AC/DC Desktop Adaptor

ITE / ICT Switching Power Supply



Features

- LED Indicator
- Active PFC Function
- Protections:
 - Short circuit / Over voltage / Over current
 - Over temperature
- Energy Efficiency Level VI
- No Load Power Consumption ≤ 0.5 W
- MTBF > 50,000 hours

EA1300 X Y - vv PP

- X:** AC inlet: 1. C14 2. C8 3. C6 6. C18
Y: Output range
vv: Specified output voltage, i.e. 12 is 12VDC
PP: DC plug type, i.e. Code 01 for 5.5x2.1mm or other options (refer to the appendix page)

General Specification

OUTPUT

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1300XA	230W	12~18V	0A	19.16A	$\pm 5\%$	$\pm 1\%$	240mV
EA1300XB	240W	12~18V	0A	20A	$\pm 5\%$	$\pm 1\%$	240mV
EA1300XC	250.2W	12~18V	0A	20.85A	$\pm 5\%$	$\pm 1\%$	240mV
EA1300XD	260W	19~28V	0A	13.68A	$\pm 5\%$	$\pm 1\%$	360mV
EA1300XE	270W	19~28V	0A	14.21A	$\pm 5\%$	$\pm 1\%$	360mV
EA1300XF	270W	32~42V	0A	8.43A	$\pm 5\%$	$\pm 1\%$	630mV
EA1300XG	270W	44~56V	0A	6.13A	$\pm 5\%$	$\pm 1\%$	840mV
EA1300XH	280W	19~28V	0A	14.73A	$\pm 5\%$	$\pm 1\%$	360mV
EA1300XM	290W	19~28V	0A	15.26A	$\pm 5\%$	$\pm 1\%$	360mV
EA1300XN	300W	19~28V	0A	15.78A	$\pm 5\%$	$\pm 1\%$	360mV
EA1300XP	310W	32~42V	0A	9.68A	$\pm 5\%$	$\pm 1\%$	630mV
EA1300XQ	310W	44~56V	0A	7.04A	$\pm 5\%$	$\pm 1\%$	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 $\pm 10\%$ of input voltage from nominal line at rated load.
- 3 : Max. Power (W) $\geq V_o \times I_o$

INPUT

- Input Range: 100 to 240 VAC
- Frequency: 50 to 60Hz
- Input Current: 5A to 2.5A
- Inrush Current: $\leq 140A/230VAC$
- Hold Up Time: $\geq 8.3ms$
- Turn On Time: $\leq 3s$

PROTECTION

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

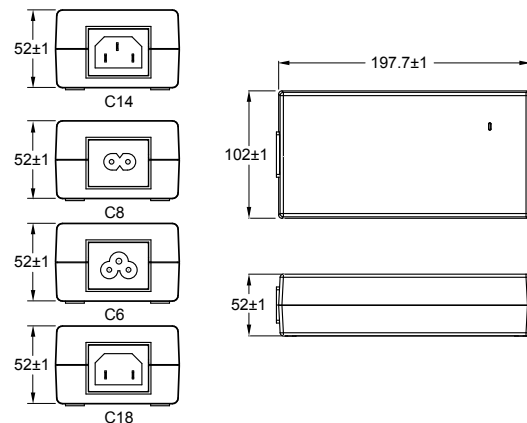
ENVIRONMENT

- Operating Temperature: -20 to 40°C
- Storage Temperature: -20 to 85°C
- Operating Humidity: 10% to 90%
- Storage Humidity: 5% to 95%

SAFETY

- Certified for whole series: UL 62368-1, CAN/CSA C22.2 No. 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC Part 15B, CE EMC(EN 55032+EN 55035), UKCA
- Certified for assigned models: CCC, PSE, BIS, KC

MECHANICAL



- Case Size: 197.7L x 102W x 52H (mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 1350g