

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 or CoC Tier II
- No Load Power Consumption $\leq 0.21W$ (VI), $\leq 0.15W$ (Tier II)
- MTBF > 50,000 hours

EA1250 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
EA1250XA	160W	12~18V	0A	13.33A	± 5%	± 1%	300mV
EA1250XB	180W	12~18V	0A	15A	± 5%	± 1%	300mV
EA1250XC	180W	19~28V	0A	9.47A	± 5%	± 1%	350mV
EA1250XD	200W	12~18V	0A	16.66A	± 5%	± 1%	300mV
EA1250XE	200W	19~28V	0A	10.52A	± 5%	± 1%	350mV
EA1250XF	200W	32~42V	0A	6.25A	± 5%	± 1%	450mV
EA1250XG	200W	44~56V	0A	4.54A	± 5%	± 1%	600mV
EA1250XH	220W	12~18V	0A	18.33A	± 5%	± 1%	300mV
EA1250XJ	220W	19~28V	0A	11.57A	± 5%	± 1%	350mV
EA1250XK	220W	32~42V	0A	6.87A	± 5%	± 1%	450mV
EA1250XL	220W	44~56V	0A	5A	± 5%	± 1%	600mV
EA1250XM	230W	19~28V	0A	12.1A	± 5%	± 1%	350mV
EA1250XN	230W	32~42V	0A	7.18A	± 5%	± 1%	450mV
EA1250XP	230W	44~56V	0A	5.22A	± 5%	± 1%	600mV
EA1250XQ	250W	19~28V	0A	13.15A	± 5%	± 1%	350mV
EA1250XR	250W	32~42V	0A	7.81A	± 5%	± 1%	450mV
EA1250XS	250W	44~56V	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 $\pm 10\%$ 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: 3.5A 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

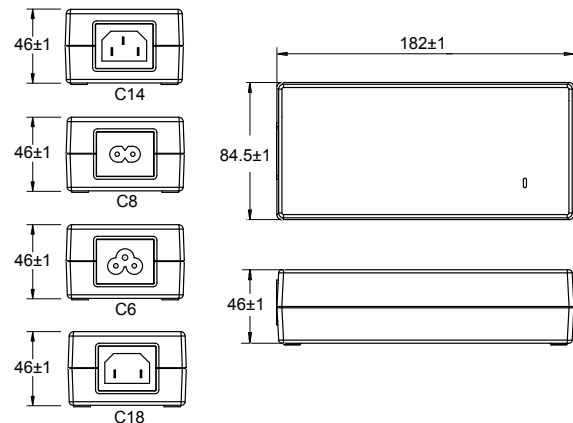
ENVIRONMENT

- 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), CCC, UKCA
- Certified for assigned models: BSMI, PSE, BIS, RCM, KC, CU, NRCAN

MECHANICAL



- Case Size: 182L x 84.5W x 46H (mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 1000g