

AC/DC Desktop Adaptor

ITE / ICT Switching Power Supply



Features

- Slim Size
- 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 > 100,000 hours

EA1183 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
EA1183XA	130W	12~18V	0A	10.83A	± 5%	± 1%	270mV
EA1183XB	130W	19~24V	0A	6.84A	± 5%	± 1%	360mV
EA1183XC	130W	32~42V	0A	4.06A	± 5%	±1%	630mV
EA1183XD	130W	44~56V	0A	2.95A	± 5%	± 1%	840mV
EA1183XE	135W	12~18V	0A	11.25A	± 5%	± 1%	270mV
EA1183XF	135W	19~24V	0A	7.1A	± 5%	± 1%	360mV
EA1183XG	135W	32~42V	0A	4.21A	± 5%	±1%	630mV
EA1183XH	135W	44~56V	0A	3.06A	± 5%	± 1%	840mV
EA1183XJ	150W	12~18V	0A	12.5A	± 5%	± 1%	270mV
EA1183XK	150W	19~24V	0A	7.89A	± 5%	± 1%	360mV
EA1183XL	150W	32~42V	0A	4.68A	± 5%	±1%	630mV
EA1183XM	150W	44~56V	0A	3.4A	± 5%	± 1%	840mV
EA1183XN	170W	12~18V	0A	14.16A	± 5%	± 1%	270mV
EA1183XP	180W	19~24V	0A	9.47A	± 5%	± 1%	360mV
EA1183XQ	180W	32~42V	0A	5.62A	± 5%	±1%	630mV
EA1183XR	180W	44~56V	0A	4.09A	± 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 $\pm 10\%$ 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: $\leq 2.5A$
- Inrush Current: $\leq 120A/230VAC$
- Hold Up Time: $\geq 8.3ms$
- Turn On Time: $\leq 3s$

PROTECTION

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

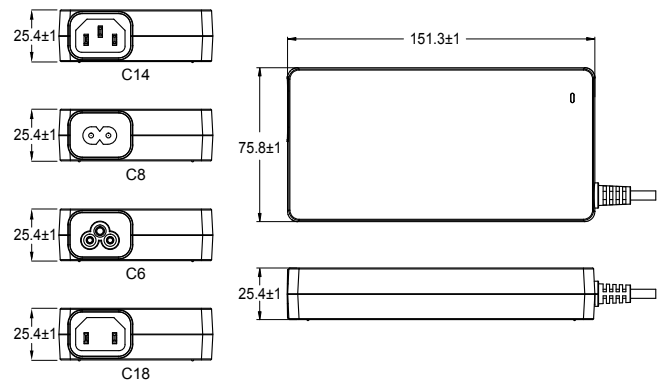
ENVIRONMENT

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

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, BSMI, PSE, BIS, RCM, KC, CU, PSB, NRCAN

MECHANICAL



- Case Size: 151.3L x 75.8W x 25.4H (mm)
- AC Inlet : C14, C8, C6, C18
- Weight: 350g