

EA1183 Series

• 130~200W Max.

AC/DC Desktop Adapter



Features

- 100-240VAC Universal Input
- LED Indicator
- Active PFC Function
- Protections :
 - Short circuit / Over Voltage / Over current
 - Over temperature
- Energy Efficiency Level VI or CoC Tier 2
- MTBF > 100,000 hours
- No Load Power Consumption $\leq 0.21\text{W}$ (VI), $\leq 0.15\text{W}$ (Tier II)

EA1183 X Y - vv PP

- x:** Case inlet : 1. C14 2.C8 3.C6 6.C18
- Y:** Output range
- vv:** Specified output voltage, ie 24 is 24VDC
- PP:** DC Plug type, ie Code 01 for 5.5*2.1mm or other options (refer to the appendix page)

Electrical Specification

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	$\pm 5\%$	$\pm 1\%$	270mV
EA1183xB	130W	19-24V	0A	6.84A	$\pm 5\%$	$\pm 1\%$	360mV
EA1183xC	130W	32-42V	0A	4.06A	$\pm 5\%$	$\pm 1\%$	630mV
EA1183xD	130W	44-56V	0A	2.95A	$\pm 5\%$	$\pm 1\%$	840mV
EA1183xE	135W	12-18V	0A	11.25A	$\pm 5\%$	$\pm 1\%$	270mV
EA1183xF	135W	19-24V	0A	7.1A	$\pm 5\%$	$\pm 1\%$	360mV
EA1183xG	135W	32-42V	0A	4.21A	$\pm 5\%$	$\pm 1\%$	630mV
EA1183xH	135W	44-56V	0A	3.06A	$\pm 5\%$	$\pm 1\%$	840mV
EA1183xJ	150W	12-18V	0A	12.5A	$\pm 5\%$	$\pm 1\%$	270mV
EA1183xK	150W	19-24V	0A	7.89A	$\pm 5\%$	$\pm 1\%$	360mV
EA1183xL	150W	32-42V	0A	4.68A	$\pm 5\%$	$\pm 1\%$	630mV
EA1183xM	150W	44-56V	0A	3.4A	$\pm 5\%$	$\pm 1\%$	840mV
EA1183xN	170W	12-18V	0A	14.16A	$\pm 5\%$	$\pm 1\%$	270mV
EA1183xP	180W	19-24V	0A	9.47A	$\pm 5\%$	$\pm 1\%$	360mV
EA1183xQ	180W	32-42V	0A	5.62A	$\pm 5\%$	$\pm 1\%$	630mV
EA1183xR	180W	44-56V	0A	4.09A	$\pm 5\%$	$\pm 1\%$	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) $\geq V_o \times I_o$

Electrical Specification

INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60 Hz
- Input Current $\leq 2.5\text{A}$
- Inrush Current $\leq 120\text{A}/230\text{VAC}$
- Hold up time $\geq 8.3\text{ms}$
- Turn On Time $\leq 3\text{s}$

OUTPUT

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

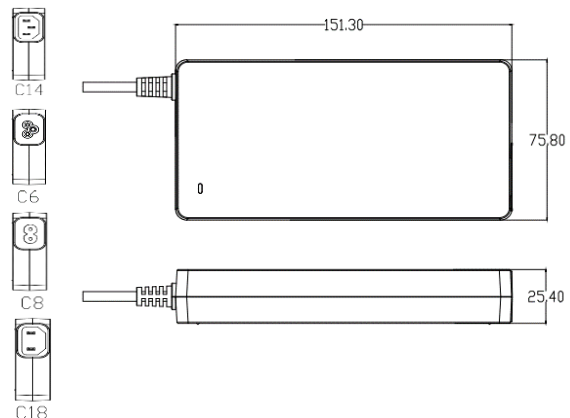
ENVIRONMENTAL

- Operating Temperature 0 to 40°C
- Storage Temperature -20 to 85°C
- Operating Humidity 10% to 90 %
- Storage Humidity 5% to 90 %

SAFETY

* Certified for whole series : UL/cUL 62368 , TUV EN62368 , CB IEC62368-1 , FCC , CE

Mechanical Specification



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

Above safety certificates are for reference only. Please contact our sales department for more details.