

# 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  $\leq 0.21W$  (VI),  $\leq 0.15W$  (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	± 5%	± 1%	240mV
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	2.7A	± 5%	± 1%	840mV
EA1183xE	135W	12-18V	0A	11.25A	± 5%	± 1%	240mV
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	2.81A	± 5%	± 1%	840mV
EA1183xJ	150W	12-18V	0A	12.5A	± 5%	± 1%	240mV
EA1183xK	150W	19-24V	0A	7.89A	± 5%	± 1%	360mV
EA1183xL	150W	32-42V	0A	4.68A	± 5%	± 1%	630mV
EA1183xM	150W	48-56V	0A	3.12A	± 5%	± 1%	840mV
EA1183xN	170W	12-18V	0A	14.16A	± 5%	± 1%	240mV
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	3.75A	± 5%	± 1%	840mV
EA1183xS	200W	32-42V	0A	6.25A	± 5%	± 1%	630mV
EA1183xT	200W	44-56V	0A	4.16A	± 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)  $\geq V_o \times I_o$

### Electrical Specification

#### INPUT

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

#### OUTPUT

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

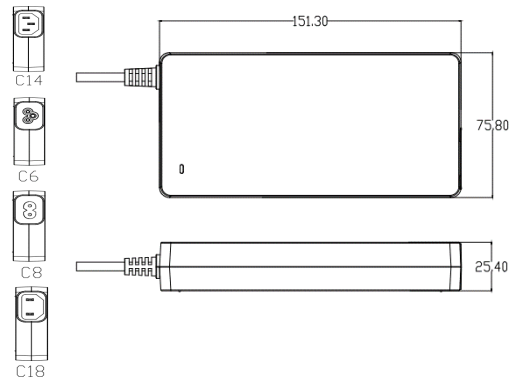
#### ENVIRONMENTAL

- 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.