

AC/DC Desktop Adapter



Features

- Slim Size
- 100-240VAC Universal Input
- 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

EA1181 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)

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EA1181xA	150W	12-18V	0A	12.5A	± 5%	± 1%	240mV
EA1181xB	160W	12-18V	0A	13.33A	± 5%	± 1%	240mV
EA1181xC	170W	12-18V	0A	14.16A	± 5%	± 1%	240mV
EA1181xD	180W	19-24V	0A	9.47A	± 5%	± 1%	360mV
EA1181xE	180W	32-42V	0A	5.62A	± 5%	± 1%	630mV
EA1181xF	180W	44-56V	0A	4.09A	± 5%	± 1%	840mV
EA1181xG	190W	19-24V	0A	10A	± 5%	± 1%	360mV
EA1181xH	190W	32-42V	0A	5.93A	± 5%	± 1%	630mV
EA1181xJ	190W	44-56V	0A	4.31A	± 5%	± 1%	840mV
EA1181xK	200W	19-24V	0A	10.52A	± 5%	± 1%	360mV
EA1181xL	200W	32-42V	0A	6.25A	± 5%	± 1%	630mV
EA1181xM	200W	44-56V	0A	4.54A	± 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 60Hz
- Input Current: $\leq 2.5A$
- Inrush Current: 60A/100VAC 120A/230VAC
- Hold Up Time: $\geq 8.3ms$
- Turn On Time: $\leq 3s$

OUTPUT

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

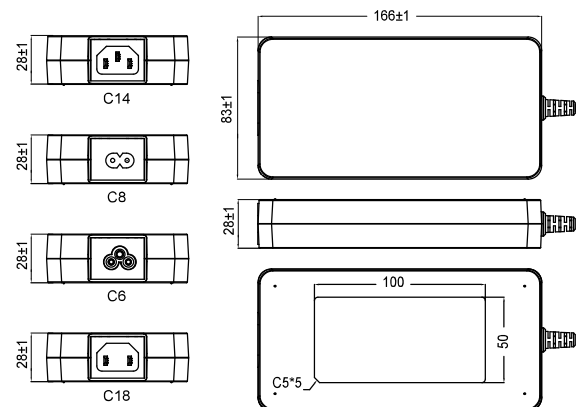
ENVIRONMENT

- Operating Temperature: 0 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/cUL 62368-1, TUV EN 62368-1, CB IEC 62368-1, FCC, CE

Mechanical Specification



- Case Size: 166L x 83W x 28H (mm)
- AC Inlet: C14, C8, C6, C18
- Weight: 450g