

AC/DC Power Tools Adaptor



Features

- IEC/EN62368, IEC/EN61558, UL1012 Compliance
- Active PFC Function
- Protections :
Short circuit / Over voltage / Over current
Over temperature
- Energy Efficiency up to 91%
- No Load Power Consumption ≤ 0.15 W
- MTBF > 100,000 hours

EP1186 X Y - vv PP

- X: AC inlet: 1. C14
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.	OUTPUT POWER (W)		OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD(Io)		LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
	Convection	Peak(1s)			Convection	Peak(1s)			
EP1186XA	180W	288W	36V	0A	5A	8A	± 5%	± 1%	540mV

- 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 ±10% of input voltage from nominal line at rated load.
3 : Max. Power (W) ≥ Vo x Io

INPUT

- Input Range100 to 240 VAC
- Frequency50 to 60 Hz
- Input Current2A to 1A
- Inrush Current≤ 120A/230VAC
- Hold Up time≥ 8.3ms
- Turn On Time≤ 3s

PROTECTION

- Short Circuit ProtectionAuto Recovery
- Over Voltage ProtectionAuto Recovery
- Over Current ProtectionAuto Recovery
- Over Temperature ProtectionAuto Recovery

ENVIRONMENTAL

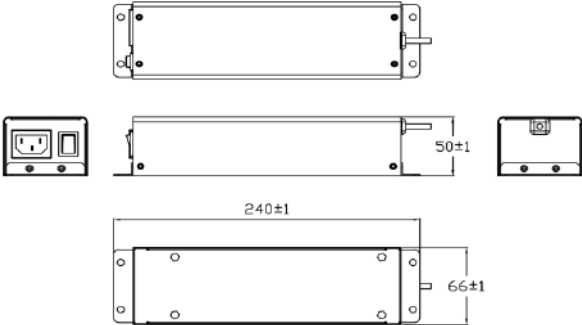
- Operating Temperature-20 to 40°C
- Storage Temperature-20 to 85°C
- Operating Humidity10% to 90%
- Storage Humidity5% to 95%

SAFETY

Complied with 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) UL 1012, TUV EN 61558-1/EN 61558-2-16, CB IEC 61558-1/IEC 61558-2-16,CE EMC(EN 55014-1+EN 55014-2), UKCA

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

MECHANICAL



- Case Size: 240L x 66W x 50H (mm)
- AC Inlet: C14
- Weight: 900g