

AC/DC Switching Adapter-Single Output

With Active PFC



Dimension : L137×W59×H34mm
AC Input : IEC 320-C14,C8 and C6

FEATURES

- Active Power Factor Correction
- LED Indicator
- RoHS Compliant
- CEC Compliant
- Over Current Protection (Auto Recovery)
- Over Temperature Protection (Latch Off)

ELECTRICAL SPECIFICATIONS

- Input range : 100-240VAC (Full Range)
- Frequency : 50 - 60Hz
- Turn On Time < 3 Sec
- Input current (rms) : 2.0A @ 90VAC
- Efficiency : Meet Level V and Level VI
- Output Voltage : +12V~ +56V
- Maximum power (Po) : 130W
- Inrush Current : 100A @ Cold Start
- Hold-up time : >8.3 ms typical at full load @ 115VAC
- Protection : Over voltage protection(OVP), Latch Off
Short circuit protection, Auto recovery

SAFETY STANDARDS

- UL 60950
- CSA C22.2 No.60950
- TUV EN60950
- CB IEC 60950

EMI STANDARDS

- FCC Class B
- CISPR22 Class B
- EN 55022 Class B
- EN 61000-3-2

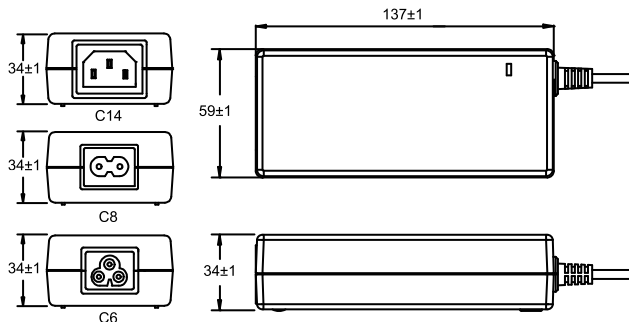
ENVIRONMENTAL

- Operating temperature : 0°C to +40°C
- Storage temperature : -20°C to +85°C
- MTBF : >30,000 hours at full load and 25°C ambient temperature

Model No.	Output Rating		Po(Max.)	O/P Regulation	Line Regulation	Ripple & Noise
PEA1101X01	12-16V	6.66A	80W	± 5%	± 1%	240mV
PEA1101X02	12-16V	7.5A	90W	± 5%	± 1%	240mV
PEA1101X03	19-24V	15.7A	90W	± 5%	± 1%	360mV
PEA1101X04	12-16V	16.3A	100W	± 5%	± 1%	240mV
PEA1101X05	19-24V	14.4A	100W	± 5%	± 1%	360mV
PEA1101X06	12-16V	13A	110W	± 5%	± 1%	240mV
PEA1101X07	19-24V	11.8A	110W	± 5%	± 1%	360mV
PEA1101X08	12-16V	12.5A	120W	± 5%	± 1%	240mV
PEA1101X09	19-24V	11.5A	120W	± 5%	± 1%	360mV
PEA1101X10	48-56V	10.7A	100W	± 5%	± 1%	840mV
PEA1101X11	48-56V	10A	130W	± 5%	± 1%	840mV

Note: 1. Ripple & Noise are measured using 200MHz. bandwidth oscilloscope and output are terminated with .1uF ceramic capacitor & in parallel with 47uF aluminum capacitor at full load and nominal line

To specify input connector on case:
Replace X in Model No. with "1" for C14;
"2" for C8; "3" for C6 input



SMP TECHNOLOGY, INC.

5900 Butler Lane, Scotts Valley, CA 95066

Tel : (831) 440-9191 Fax : (831) 427-7570

http : //www.smp-tech.com

E-Mail : sales@smp-tech.com