

AC/DC Switching Adapter - Single Output

FEATURES

- High Reliability
- 100% BURN-IN Tested
- 100% Hi-Pot tested

ELECTRICAL SPECIFICATIONS

- Input voltage range : 90 - 264Vac (Full Range)
- Line frequency range : 47 - 63Hz
- Input current (rms) : 2A @115VAC; 1A @ 264VAC MAX
- Meet CEC requirements.
- Efficiency : > 80% @ full load, 115VAC
- > 85% @ AVG. load 115/230 VAC for CEC Model.
- Green functions : No load power consumption < 500mW @ 115VAC.
- Line Regulation : < 1%
- Maximum powe (Po): 65W.
- Hold-up time : > 10ms typical at full load @ 115VAC
- Protection :
 - ◆ Short Circuit Protection: Auto Recover.
 - ◆ Over Load Protection: Auto Recover.
 - ◆ Over Voltage Protection: Auto Recover.



Dimension: L 108 × W 47.5 × H 30 mm

2 Pin or 3 Pin are available

AC Input : IEC 320-C8 or IEC 320-C6 Inlet

SAFETY STANDARDS

- UL 60950-1
- CSA C22.2-No.60950-1
- TUV EN60950-1
- CB IEC 60950-1

EMC STANDARDS

- FCC Class B
- CISPR22 Class B
- EN 55022 Class B
- CE

ENVIRONMENTAL

- Operating temperature : 0°C to +40°C
- Storage temperature : -10°C to +70°C
- Humidity: 20% ~ 90%.
- MTBF : > 80,000 hours at full load and 25°C ambient temperature

DC OUTPUT & FEATURES

Model	Output Rating		Po	O/P Regulation	Ripple & Noise(Vp-p)	LPS	CEC (IV)	Energy Star
PT040-05-X	5V	8A	40W	5%	240mV			
PT060-12-X	12V	5A	60W	5%	240mV			
PT040-15-X	15V	4A	60W	5%	150mV	●	●	LEVEL IV
PT065-19-X	19V	3.4A	64.6W	3%	150mV	●	●	LEVEL IV
PT065-24-X	24V	2.7A	64.8W	3%	150mV	●	●	LEVEL V
PT065-36-X	36V	1.8A	64.8W	3%	150mV	●	●	LEVEL V
PT065-48-X	48V	1.35A	64.8W	3%	150mV	●	●	LEVEL V

Note: 1. Peak-to-peak with 20MHz bandwidth with a tantalm 10uF in parallel with a 0.1uF ceramic capacitor.

2. X = B, Input is C6 Style X = B0, Input is C8 Style



SMP TECHNOLOGY, INC.

227 Technology Circle, Scotts Valley, CA 95066

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

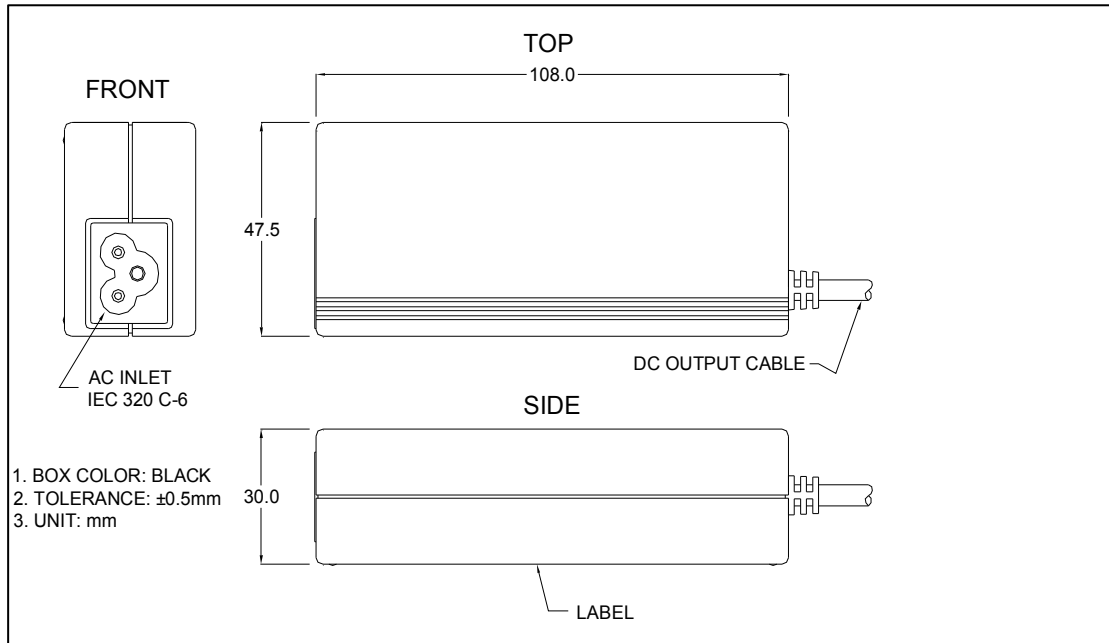
http : //www.smp-tech.com

E-Mail : sales@smp-tech.com

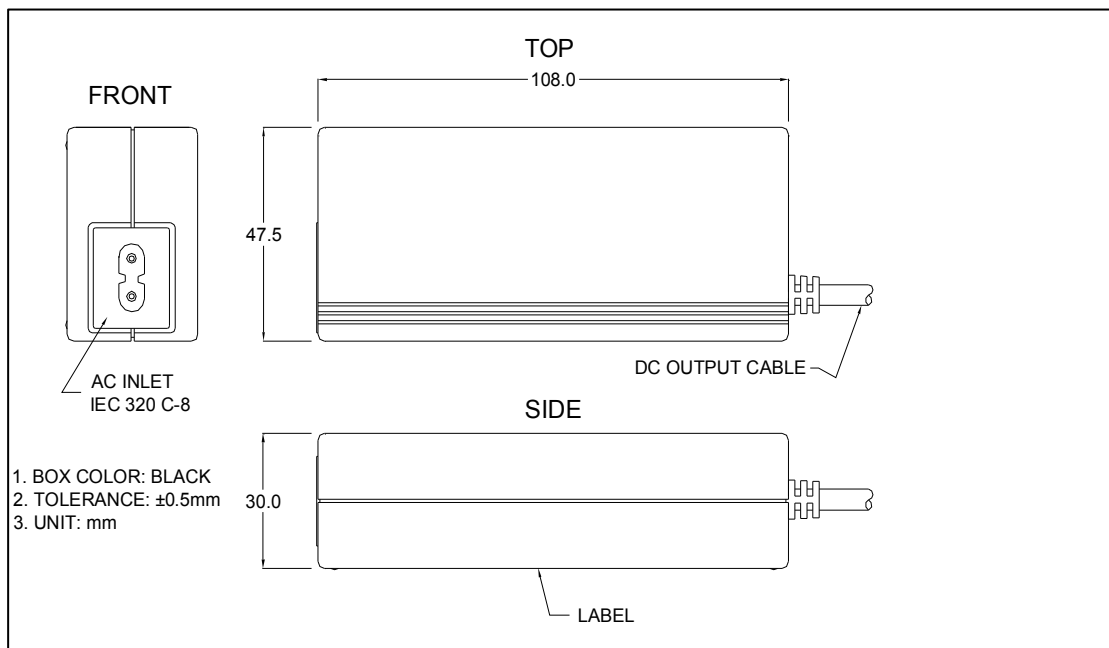
AC/DC Switching Adapter-Single Output

MECHANICAL SPECIFICATION

AC INLET : IEC 320-C6 (3PIN)



AC INLET : IEC 320-C8 (2PIN)



STANDARD OUTPUT CABLE

1. AWM 1185 # 18 AWG 1C + SHIELDING, UL 80°C 300V VW-1, 1,500 mm.
2. AWM 2464 # 18 AWG 3C + SHIELDING, UL 80°C 300V VW-1, 1,000 mm.
3. Depends on customers requirements.



SMP TECHNOLOGY, INC.

227 Technology Circle, Scotts Valley, CA 95066

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

[http : //www.smp-tech.com](http://www.smp-tech.com)

E-Mail : sales@smp-tech.com