

AC/DC Switching Adapter - Single Output

FEATURES

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

ELECTRICAL SPECIFICATIONS

- Input range : 90 - 264 VAC (Full Range)
- Frequency : 47 - 63Hz
- Input current (rms) : 2A @ 90 VAC; 1A @ 264 VAC MAX
- Efficiency : > 75% @ full load, 115 VAC
- Maximum power (Po) : 60W
- Ripple & Noise : 1%
- Hold-up time : > 10ms typical at full load @ 115 VAC
- Protection :
- ◆ Short Circuit Protection: Auto Recover.
- ◆ Over Load Protection: Auto Recover.
- ◆ Over Voltage Protection: Auto Recover.



Dimension : L 132 × W 69 × H 40 mm
AC Input : IEC 320-C14 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)
PT040-09-B	9V	4.4A	40W	5%	90mV
PT040-12-B	12V	3.3A	40W	5%	120mV
PT040-13-B	13V	3.1A	40W	5%	130mV
PT040-138-B	13.8V	2.9A	40W	3%	140mV
PT060-14-B	14V	4.2A	60W	3%	140mV
PT060-15-B	15V	4A	60W	3%	150mV
PT060-16-B	16V	3.8A	60W	3%	160mV
PT060-17-B	17V	3.5A	60W	3%	170mV
PT060-18-B	18V	3.4A	60W	3%	180mV
PT060-19-B	19V	3.2A	60W	3%	190mV
PT060-20-B	20V	3.0A	60W	3%	200mV
PT060-21-B	21V	2.9A	60W	3%	210mV
PT06022-B	22V	2.7A	60W	3%	220mV
PT060-23-B	23V	2.6A	60W	3%	230mV
PT060-24-B	24V	2.5A	60W	3%	240mV

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



SMP TECHNOLOGY, INC.

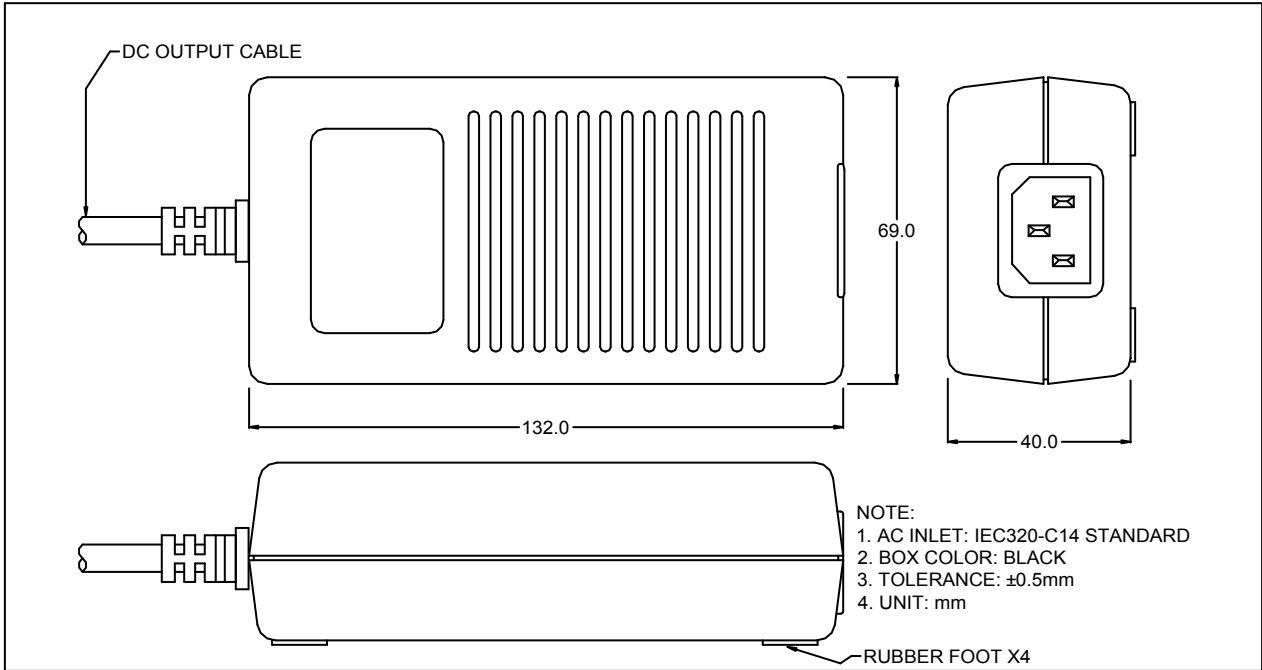
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MECHANICAL SPECIFICATION



STANDARD OUTPUT CABLE

- 1. AWM 1185 # 18 AWG / 1C + SHIELDING, UL 80°C 300V VW-1, 1050 mm.
- 2. AWM 2464 # 18 / 20 AWG / 4C + SHIELDING, UL 80°C 300V VW-1, 1050 mm.
- 3. Depends on customers requirements.

