

AC/DC Switching Adapter - Single Output

FEATURES

- High Reliability
- 100% BURN-IN Tested
- 100% Hi-Pot tested
- Safety Approvals, EMC compliance

ELECTRICAL SPECIFICATIONS

- Input range : 90-264VAC(Full Range)
- Frequency : 47 - 63Hz
- Input current (rms) : 2A @ 90VAC; 1A @ 264VAC MAX.
- Efficiency : +5V,+12V >75% @ full load, 115VAC
+15V,+18V,+24V,+36V,+48V >85% @ full load, 115VAC
- Meet CEC and Energy Star level IV requirements.(+15V~+48V)
- >85% @ AVG. load 115/230VAC for CEC Model.(+15V~+48V)
- Green function = No load power consumption < 500 mW.
- Output Voltage : +5V,+12V,+15V,+18V,+24V,+36V,+48V
- Voltage regulation : ±3% ~ ±5%
- Maximum power (Po) : 40W / 60W /65W
- Hold-up time : >16.6ms typical at full load @ 115VAC
- Protection :
 - ◆ Short Circuit Protection: Auto Recover.
 - ◆ Over Power Protection: Auto Recover.
 - ◆ Over voltage Protection: Latch, AC recycle.



Dimension : L132×W69×H40mm
(L 5.20" x W 2.72" x H 1.57")
AC Input : IEC 320-C14 Inlet

SAFETY STANDARDS

- UL/c-UL UL60601-1
- TUV EN60601-1
- CB IEC60601-1

EMC STANDARDS

- EN60601-1-2
- FCC Part 18 Class B
- EN55011 Class B
- CE

ENVIRONMENTAL

- Operating temperature : 0°C to +50°C
- Storage temperature : -10°C to +70°C
- Humidity: 20% ~ 90%.
- MTBF : >100,000 hours at full load and 25°C ambient temperature
- 2 years warranty

DC OUTPUT & FEATURES

Model	Output Rating		Po	O/P Regulation	Ripple & Noise(Vp-p)	CEC	Energy Star Level
PTM040-05-BX	+ 5V	8A	40W	5%	100mV		
PTM060-12-BX	+ 12V	5A	60W	5%	120mV		
PTM060-15-BX	+ 15V	4A	60W	5%	150mV	IV	IV
PTM065-18-BX	+ 18V	3.6A	65W	3%	180mV	IV	IV
PTM065-24-BX	+ 24V	2.7A	65W	3%	240mV	IV	IV
PTM065-36-BX	+ 36V	1.8A	65W	3%	360mV	IV	IV
PTM065-48-BX	+ 48V	1.35A	65W	3%	480mV	IV	IV

Note : 1. Peak-to-peak with 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.
2. X = L, with LED (GREEN)
X = Blank without LED

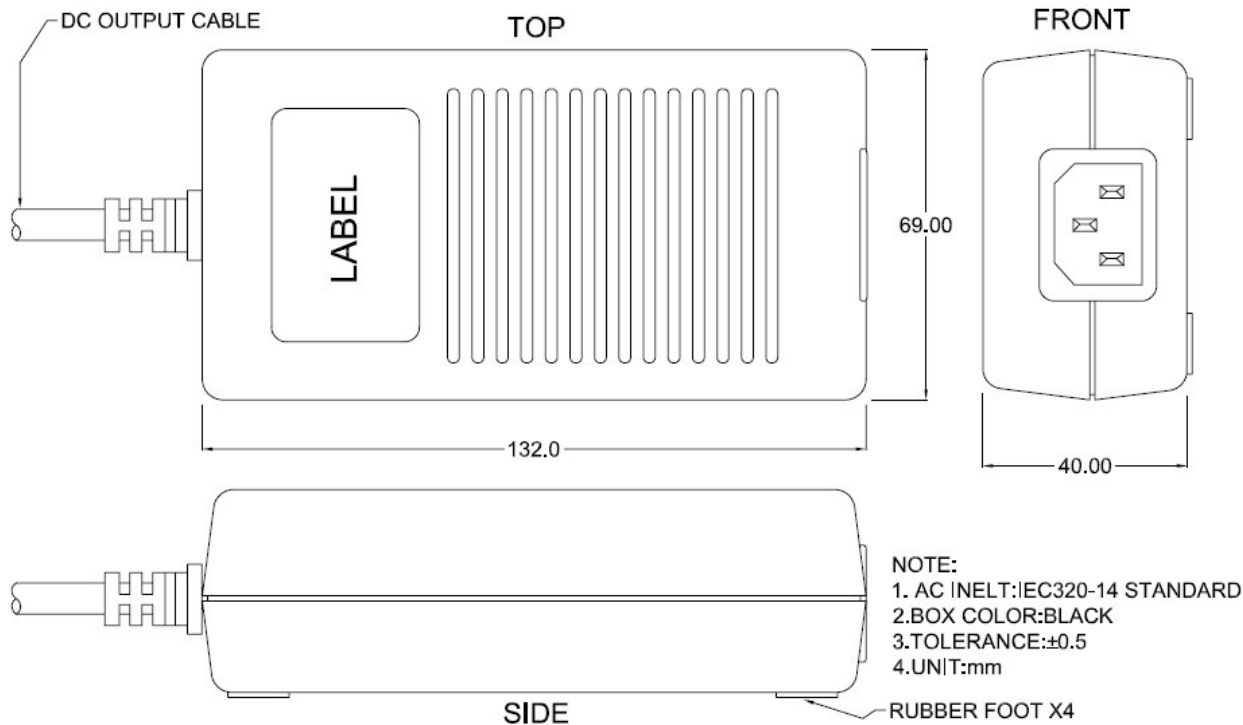


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MECHANICAL SPECIFICATION



STANDARD OUTPUT CABLE

- 1. AWM 1185#18AWG 1C+SHIELDING, UL 80°C 300V VW-1, 1800mm.
- 2. AWM 1571#14~16AWG 1C+SHIELDING, UL 80°C 30V VW-1, 1800mm.
- 3. Depends on customers requirements.



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