

AC/DC Switching Adapter-Single Output

FEATURES

- Single Output to 65 Watts
- Regulated Output $\pm 5\%$ with Low Ripple Noise
- RoHS Compliant
- CEC Compliant
- Over Current and Voltage Protection (Auto Recovery)
- Short Circuit Protection
- Touch Current < 100uA

ELECTRICAL SPECIFICATIONS

- Input range : 100-240VAC (Full Range)
- Frequency : 50 - 60Hz
- Input current (rms) : 0.7 - 0.45 A
- Efficiency : Meet Level V; ERP Stage 2 Certified
- Output Voltage : +12V~ +48V
- Maximum power (Po) : 65 W
- Hold-up time : > 10 ms typical at full load @ 115VAC
- Input Protection : Internal Primary Current Fuse Inrush Limiting

SAFETY STANDARDS

- UL / EN 60601-1
- TUV EN60950
- CB IEC 60950

EMI STANDARDS

- EN 55011 Class B
- EN 61000-3-2, 3
- IEC 60601-1-2

**SAFETY APPROVALS: CB/UL/CUL/FCC/CE/TUV/PSE
BSMI CLASS 1/ RCM:CLASS II**

ENVIRONMENTAL

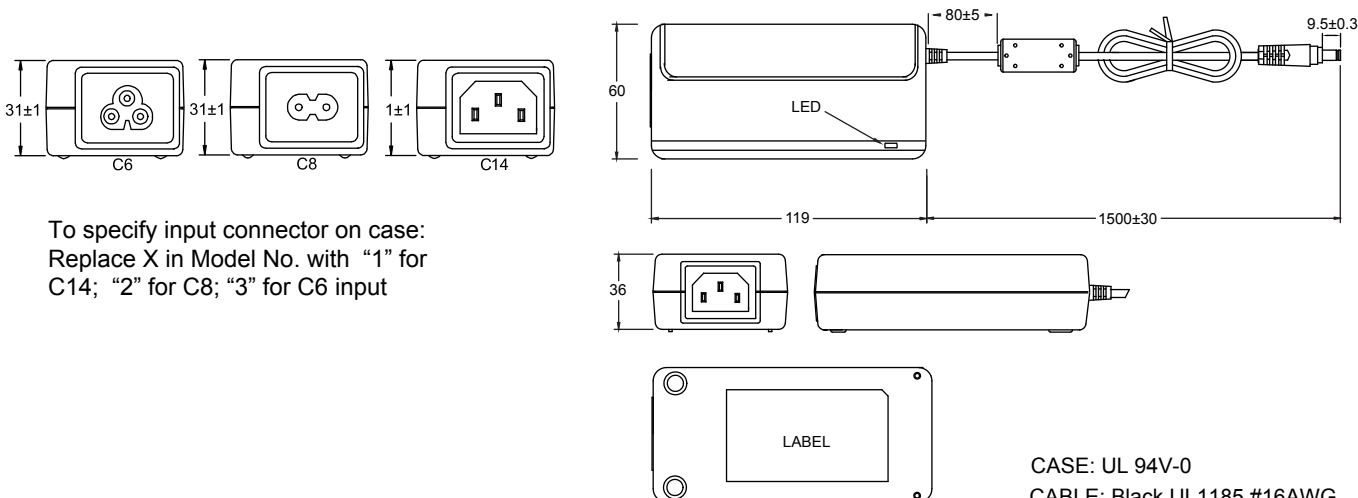
- Operating temperature : 0°C to +40°C
- Storage temperature : -20°C to +85°C
- MTBF : 300,000 Calculated Hours @ 25°C



Dimension : L119×W60×H36mm
AC Input : IEC 60320 - C6,C8,C14

Model No.	Output Rating	Minimum Load	Maximum Load	Po (Max.)	Average Efficiency	Ripple & Noise (Vp-p)
APTМ65-12-X	12.0V	0.0A	5.00A	60W	$\geq 87\%$	120mV
APTМ65-15-X	15.0V	0.0A	4.34A	65W	$\geq 87\%$	150mV
APTМ65-18-X	18.0V	0.0A	3.62A	65W	$\geq 87\%$	180mV
APTМ65-19-X	19.0V	0.0A	3.43A	65W	$\geq 87\%$	190mV
APTМ65-24-X	24.0V	0.0A	2.71A	65W	$\geq 87\%$	240mV
APTМ65-36-X	36.0V	0.0A	1.81A	65W	$\geq 87\%$	360mV

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

CASE: UL 94V-0
CABLE: Black UL1185 #16AWG
PLUG: 2.1x5.5.9.5 Tuning Fork Contact



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