



20-30W Universal 3-Wire Input Desktop Adapter



Features

- Low Cost
- DoE Level VI Efficiency
- Ecodesign ErP Directive 2009/125/EC level 2 annex 1b compliant
- Non-Vented Case
- Class B EMI
- Low Profile Design

Applications

- Portable Equipment
- Peripherals
- Networking
- Gaming Machines

Safety Approvals

- UL/cUL
- CB
- CE

Mechanical Characteristics

- Length: 103.4mm (4.07in.)
- Width: 42mm (1.65in.)
- Height: 28.7mm (1.13in.)
- Weight: 140g (4.94oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple*	Output Power
		Min.	Max.		
PSAC30U-050L6	5V	0A	4.00A	70mV	20W
PSAC30U-090L6	9V	0A	3.00A	90mV	27W
PSAC30U-120L6	12V	0A	2.50A	120mV	30W
PSAC30U-240L6	24V	0A	1.25A	240mV	30W
PSAC30U-480L6	48V	0A	0.625A	480mV	30W
PSAC30U-560L6	56V	0A	0.54A	560mV	30W

Note (*): Measured with by-pass capacitors 0.1uF//10uF at output connector terminal and oscilloscope set at 20MHz.

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INPUT:

AC Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

AC Input Current
0.8A (RMS) max at 120VAC
0.5A (RMS) max at 240VAC

In-rush Current
60A max at 100VAC & max load
100A max at 240VAC & max load

AC Input Frequency
47 to 63Hz

Leakage Current
3.5mA max at 254VAC, 50Hz

Input Power Saving
<0.1W max @0A 23Vac 50Hz

OUTPUT

Efficiency
DOE Level VI

ENVIRONMENTAL:

Operating Temperature	0 to 40°C
Storage Temperature	-20 to 75°C
Operating Humidity	20 to 90%

EMI

FCC Class B
EN55022 Class B

Immunity

EN61000-4-2	Level 4
EN61000-4-3	Level 2
EN61000-4-4	Level 2
EN61000-4-5	Level 3
EN61000-4-6	Level 2
EN61000-4-8	Level 1
EN61000-4-11	

High-pot Test

Input to output: 3000VAC, 10mA for 1 minute
Input to F.G.: 1500VAC, 10mA for 1 minute

Insulation Resistance

Input to Output: >7M ohm 500VDC
Input to F.G.: >7M ohm 500VDC

Over Current Protection

Auto restart mode without damage

Over Voltage Protection

10V max

Short Circuit Protection

Output can be shorted permanently without damage

AC Input Connector

IEC C14

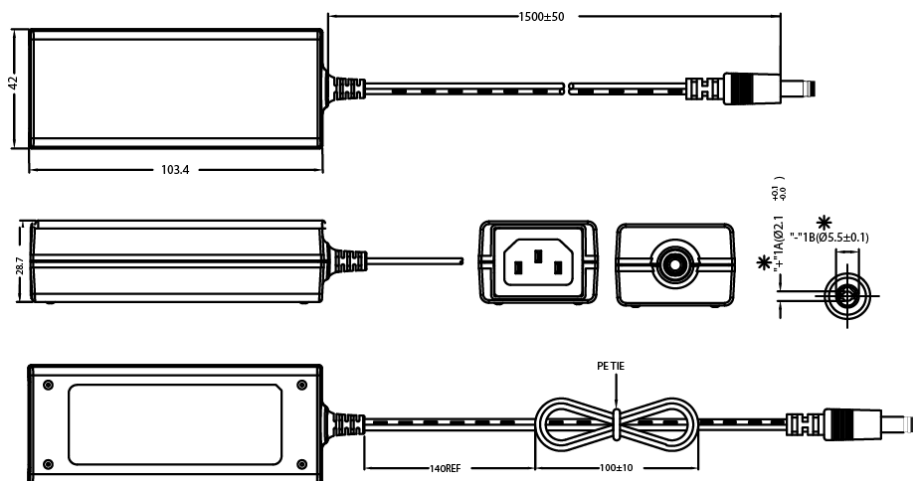
DC Output Connector

5.5 x 2.1 x 10mm Center Positive Barrel

DC Cord Length

5V Model is 1000mm; all other models are 1500mm

Dimension Diagram Unit: mm (inch)



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