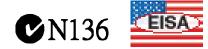
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20-30 Watt Universal 3-Wire Input Adapter PSC30U Adapter Series Meets CEC and EISA Requirements





Low Cost	Non-Vented/Spill-proof Case			
EISA Energy Efficiency Compliance	Low Profile Design			
Class B EMI	C			
Applications				
Portable Equipment	Networking			
Peripherals	Gaming Machines			
Safety Approvals				
• cUL/UL	• TUV			
• CE	• SAA			
• C-Tick	• Meeting Cal. Prop. 65			
Mechanical Characteristics				
• Length: 98.5mm (3.88in)	• Height: 31.5mm (1.24in)			
• Width: 55mm (2.17in)	• Weight: 243g (8.57oz.)			
Output Specifications				

Madal	DC Output	Load		Efficiency
Model	Voltage	Min.	Max.	Level*
PSC30U-050	+5V	0A	4.0A	IV
PSC30U-120	+12V	0A	2.5A	IV
PSC30U-240	+24V	0A	1.25A	IV
PSC30U-480	+48V	0A	0.625A	IV

* See efficiency specification below for more detailed information

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PSC30U Characteristics

Input: AC Input Voltage Rating 100 to 240V AC

AC Input Voltage Range 90 to 264V AC

AC Input Frequency 47 to 63Hz

Input Current 0.8A (RMS) maximum at 115V AC 0.5A (RMS) maximum at 240V AC

Leakage Current 3.5mA maximum

Inrush Current 60A for 240V AC at maximum load (Cold start at ambient 25°C)

Input Power Saving 0.5W maximum at no load at 115V AC

Output: Power 20W for 5V 30W for 12V, 24V, 48V

Ripple

 5V
 50mV

 12V
 120mV

 24V
 240mV

 48V
 480mV

(Measured after 10 minutes warm up at 25°C with 12-inch twisted pair terminated with a 10uF capacitor and 0.1uF ceramic in parallel.)

Regulation Line & Load ±5%

Efficiency

Level IV Compliant for all products manufactured after February 2010.

Products manufactured prior to February 2010 are Level IV @115Vac, Level III @230Vac

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Hold-up Time 16mS minimum at 120V AC and maximum load

Over-Voltage Protection By Zener Clamping, Adapter will be shut down

Over-Current Protection Output equipped with short circuit protection - auto restart

Short-Circuit Protection Output can be shorted without damage

Environmental: Temperature Operation 0 Non-operation -3

0 to +40°C -30 to +85°C 20 to 90%

Emissions FCC Class B EN55022 Class B

Relative Humidity

Insulation Input to Output: DC 500V 7M ohm

Dielectric Withstand (Hi-pot) Test Input to Output: 1500V AC for 1 min., 10mA

MTBF 50K hours minimum at full load and 25°C

DC Output Connector

2.1 x 5.5 x 10mm Center Positive Standard

DC Cord Length 12V, 24V & 48V Models – 1850mm (72.8in)

5V model – 1500mm (59.1in)

Dimension Diagram Unit: mm

