imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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30 Watt Universal 3-Wire Input Adapter PSC30U-V Adapter Series Meets Level V Efficiency Requirements

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

(1) 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.

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

PSC30U-V 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 120V AC 0.5A (RMS) maximum at 240V AC

Leakage Current

3.5mA maximum

Inrush Current

30A for 115V AC at maximum load 60A for 230V AC at maximum load (Cold start at ambient 25°C)

Input Power Saving

0.3W maximum at no load

Output: Efficiency

>83.5% average efficiency

Ripple P-P (Max.)

12V 120mV 24V 240mV 48V 480mV

Regulation Line & Load ±5%

Over-Voltage Protection

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 Non-operation

0 to +40°C -30 to +85°C

Immunity

EN61000-4-4 EN6100-4-2 EN61000-4-5 level 2 (EFT) level 4 (ESD) level 3 (Surge)

Emissions

FCC Class B EN55022 Class B

Dielectric Withstand (Hi-pot) Test

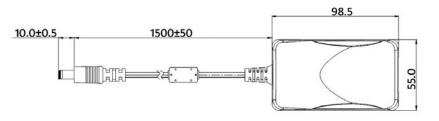
Primary to Secondary: 3000V AC for 1 min., 10mA

DC Output Connector

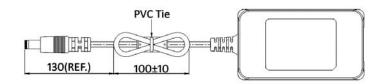
2.1 x 5.5 x 10mm Center Positive Standard

DC Cord Length 1500mm (59.1in)

Dimension Diagram Unit: mm







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