



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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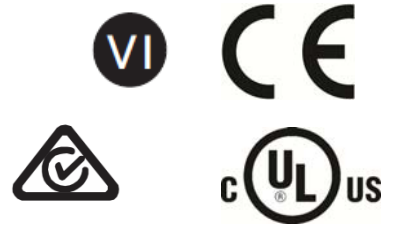
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12 Watt Interchangeable Plug Series PSAC12R Series meets Level VI Efficiency Requirements



Features

- Double Insulated
- Class B EMI
- Limited Power Source (LPS)
- Level VI Efficiency Compliant
- EISA Compliant

Applications

- Wireless Communications
- Network Equipment
- Peripherals
- Gaming

Safety Approvals

- cUL/UL
- CB

Mechanical Characteristics

- Length: 71.6mm (2.82in)
- Width: 50mm (1.97in)
- Height: 31mm (1.22in)
- Weight: 151g (5.32oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Efficiency Level
		Min.	Max.		
PSAC12R-050	5V	0A	2.4A	100mV	VI
PSAC12R-060	6V	0A	2.0A	100mV	VI
PSAC12R-075	7.5V	0A	1.6A	100mV	VI
PSAC12R-090	9V	0A	1.33A	180mV	VI
PSAC12R-120	12V	0A	1.0A	120mV	VI
PSAC12R-150	15V	0A	0.8A	150mV	VI
PSAC12R-240	24V	0A	0.5A	240mV	VI
PSAC12R-480	48V	0A	0.25A	480mV	VI

Note (1): Ripple measured by using a 12-inch twisted pair terminated with 10uF capacitor and 0.1uF ceramic in parallel with oscilloscope set to 20Mhz measured after a warm-up of 10minutes.

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.

AC Input

Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

AC Input Current
0.5A (RMS), 120VAC at maximum load
0.25A (RMS), 230VAC at maximum load

AC Input Frequency
47 to 63Hz

In-rush Current
<30A for 120VAC at maximum load
<60A for 230VAC at maximum load
(cold start at ambient 25°C)

Leakage Current
0.25mA maximum

DC Output
Output Power
12W

Efficiency
US DoE Level VI
EU CoC Ver5 Tier1

No Load Power Consumption
100mW max @ 115V

Hold up time
10 mS minimum at maximum load, 120VAC

Environmental Temperature
Operation 0°C to +40°C
Non-operation -40°C to +85°C
Humidity 20 to 90%

EMI

FCC class B, EN55022 Class B

Immunity

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

Isolation (HI-POT test)

Input to Output: 3000VAC for 1 minute, 10mA

Insulation Resistance

Input to Output: 500VDC 500M Ohm minimum

Over Current Protection

Short Circuit Auto-restart

Short Circuit Protection

Output can be shorted without damage

Over Voltage Protection

By Zener clamping if voltage exceeds 120% of limit

Dielectric Withstand (Hi-pot) Test

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

DC Cord

1500mm (18~24AWG)

DC Output Connector (Tuning Fork Type)

5.5mm x 2.1mm x 10mm Center Positive

Interchangeable AC Clips

RPA: US	RPK: UK
RPB: Brazil	RPI: India
RPC: China	RPN: Argentina
RPE: Europe	RPS: Australia
RPH: Korea	RPX: IEC320 C8

(Sold Separately)

Dimension Diagram Unit:mm

