



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!



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30W Interchangeable Plug Series PSAA30R Adapter Series Meets Level V Efficiency Requirements



Features

- Limited Power Source
- Level V Efficiency Compliance
- Class II Double Insulated
- Class B EMI

Applications

- Peripherals
- Gaming Machines
- Point of Sale Equipment
- Network Equipment

Safety Approvals

- cUL/UL
- SAA
- CE
- C-Tick

Mechanical Characteristics

- Length: 82.7mm (3.26in)
- Width: 55mm (2.17in)
- Height: 39.1mm (1.54in)
- Weight: 150g (5.29oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple P-P (max.)	Regulation		Efficiency Level
		Min.	Max.		Line	Load	
PSAA30R-120	12V	0A	2.50A	120mV	±5%		V
PSAA30R-150	15V	0A	2.00A	200mV	±5%		V
PSAA30R-240	24V	0A	1.25A	240mV	±5%		V
PSAA30R-560	56V	0A	0.54A	560mV	±5%		V

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

(2) At no load to full load, 1.5 meter (approx 5ft) DC cord, measured at the plug

-- Interchangeable clips sold separately

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.

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

0.25mA maximum

Inrush Current

<60A for 100V AC at maximum load

<100A for 240V 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

Environmental:

Temperature

Operation 0 to +40°C

Non-operation -25 to +75°C

Humidity 20 to 90%

Emissions

FCC Class B

EN55022 Class B

Immunity

IEC61000-4-2 Level 4

IEC61000-4-3 Level 2

IEC61000-4-4 Level 2

IEC61000-4-5 Level 2

IEC61000-4-6 Level 2

IEC61000-4-8 Level 1

IEC61000-4-11

EN61000-3-2

Over-Voltage Protection

Auto restart

Over-Current Protection

Auto-restart without damage

Short-Circuit Protection

Output can be shorted without damage

Dielectric Withstand (Hi-pot) Test

Input to Output: 3000V AC for 1 min., 10mA

Insulation Resistance

Input to output: 7M ohm, 500V DC

DC Output Connector (Barrel Type)

2.1 x 5.5 x 9.5mm Center Positive Standard

AC Input Clips (sold separately)

RPA: US

RPB: Brazil

RPC: China

RPE: Europe

RPH: Korea

RPI: India

RPK: UK

RPN: Argentina

RPS: Australia

RPX: IEC320 C8

Dimension Diagram Unit: mm (inch)

