



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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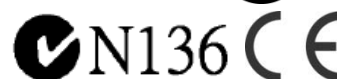
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## 30W Interchangeable Plug Series PSAA30R Adapter Series Meets Level VI Efficiency Requirements



### Features

- Limited Power Source
- Level VI 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-050	5V	0A	4.00A	70mV	±5%		VI
PSAA30R-120	12V	0A	2.50A	120mV	±5%		VI
PSAA30R-150	15V	0A	2.00A	200mV	±5%		VI
PSAA30R-240	24V	0A	1.25A	240mV	±5%		VI
PSAA30R-560	56V	0A	0.54A	560mV	±5%		VI

(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

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**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**

&lt;60A for 100V AC at maximum load

&lt;100A for 240V AC at maximum load

(Cold start at ambient 25°C)

**Input Power Saving**

0.1W maximum at no load

**Output:**
**Efficiency**

DOE Level VI

**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

RPI: India

RPB: Brazil

RPK: UK

RPC: China

RPN: Argentina

RPE: Europe

RPS: Australia

RPH: Korea

RPX: IEC320 C8

**Dimension Diagram Unit: mm (inch)**
