



30W Interchangeable Plug Series



Interchangeable clips sold separately

Features

- Limited Power Source
- Level VI Efficiency Compliant
- Class II Double Insulated
- Class B EMI

Applications

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

Safety Approvals

- cUL/UL
- CE
- RCM

Mechanical Characteristics

- Length: 82.7mm (3.26in)
- Width: 55mm (2.17in)
- Height: 39.1mm (1.54in)
- Weight: 180g (6.35oz)

Output Specifications

Model	DC Output Voltage	Load ¹		Ripple ² P-P (max.)	Regulation	
		Min.	Max.		Line	Load
PSAA30R-120-R	12V	0A	2.50A	120mV	±5%	
PSAA30R-150-R	15V	0A	2.00A	200mV	±5%	
PSAA30R-240-R	24V	0A	1.25A	240mV	±5%	
PSAA30R-560-R	56V	0A	0.536A	560mV	±5%	

Notes:

1. At no load to full load, 1.5 meter (approx 5ft) DC cord, measured at the plug
2. Measured with by-pass capacitors 0.1uF/10uF at output connector terminal and oscilloscope set at 20MHz.

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
<0.1W Max. @ 0A 230Vac 50Hz

OUTPUT:

Efficiency²
DOE Level VI

ENVIRONMENTAL**Temperature**

Operation	0 to +40°C
Non-operation	-25 to +75°C
Humidity	20 to 90%

Emissions

Complies with FCC Class B
Complies with EN55032 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

FEATURES:

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

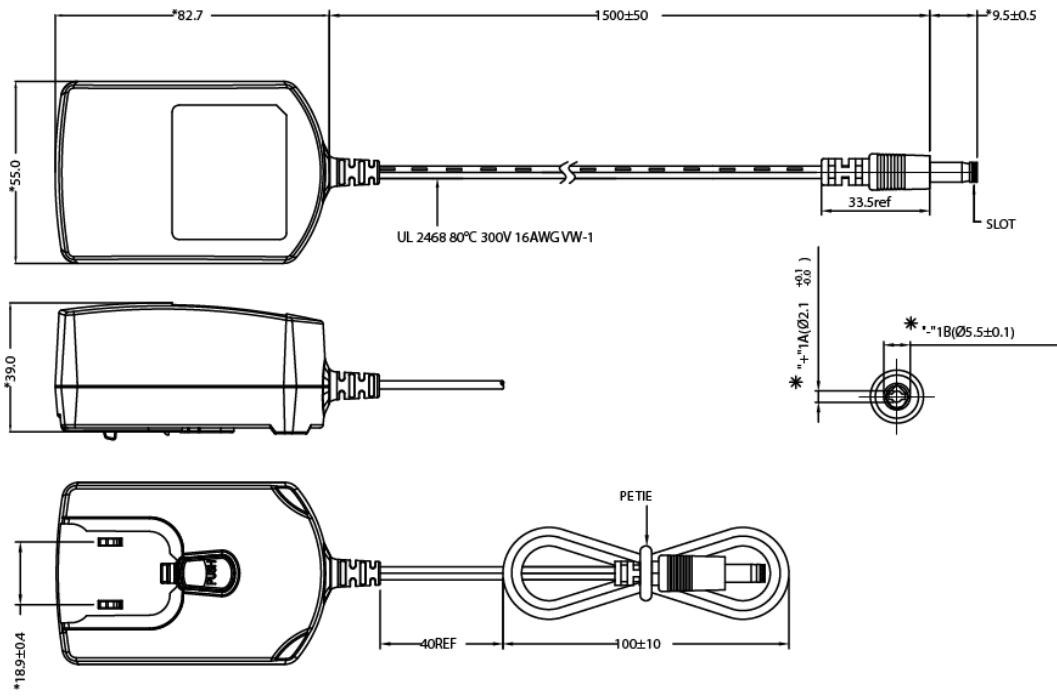
Notes:

1. The characteristics defined are at ambient temperature of 25°C unless otherwise specified
2. Efficiency is measured after 30 minutes burn-in

[Type text]

PSAA30R

Dimension Diagram Unit: mm (inch)



Supplier's Declaration of Conformity
47 CFR § 2.1077 Compliance Information

Phihong USA Corporation
47800 Fremont Boulevard
Fremont, CA 94538
Telephone: (510) 445-0100
www.phihong.com

NOTE: This model has/The models in this products series have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to equipment not expressly approved by PHIHONG could void the user's authority to operate the equipment.