



10W Interchangeable Plug Series with Micro-USB Connector PSAC10R Adapter Meets EISA and Ecodesign Requirements



Features

- Double Insulated
- Field Changeable AC Plugs
- Efficiency Level V Compliance
- Ecodesign ErP Directive 2009/125/EC level 2 annex 1b Compliant
- Low Leakage Current
- Micro-USB Connector
- Class B EMI
- CC/CV

Applications

- Wireless Communications
- Networking
- Portable Equipment
- Peripherals

Safety Approvals

- cUL/UL
- PSE
- CE
- C-Tick

Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 45mm (1.77in)
- Height: 29.79mm (1.17in)
- Weight: 120g (4.23oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Output Power	Efficiency Level
		Min.	Max.			
PSAC10R-050V	5V	0A	2.0A	100mV	10W	V

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

50 to 60Hz

Input Current

0.3A (RMS) maximum at 115V AC

Leakage Current

0.25mA maximum at 240V AC

Inrush Current

60A maximum at 230VAC and maximum load
(cold start at ambient 25°C)

Input Power Saving

<0.3W at 115/230V AC and no load

Output:
Efficiency

Meets Level V Efficiency Requirements
73.3% minimum average efficiency

Hold-up Time

10mS minimum at 120V AC and maximum load

Over-Voltage Protection

Zener Clamping

Over Current Protection

125%, auto restart

Environmental:
Temperature

Operation	0 to 40°C
Non-operation	-40 to 85°C
Humidity	5 to 90%

Emissions

FCC Class B
EN55022 Class B

Immunity

EN50082-1:	
EN61000-4-2	Level 4
EN61000-4-5	Level 3

Insulation Resistance

Primary to Secondary: 100M ohm, 500V DC

MTBF

100K hours minimum at maximum load, 240V AC

Dielectric Withstand (Hi-pot) Test

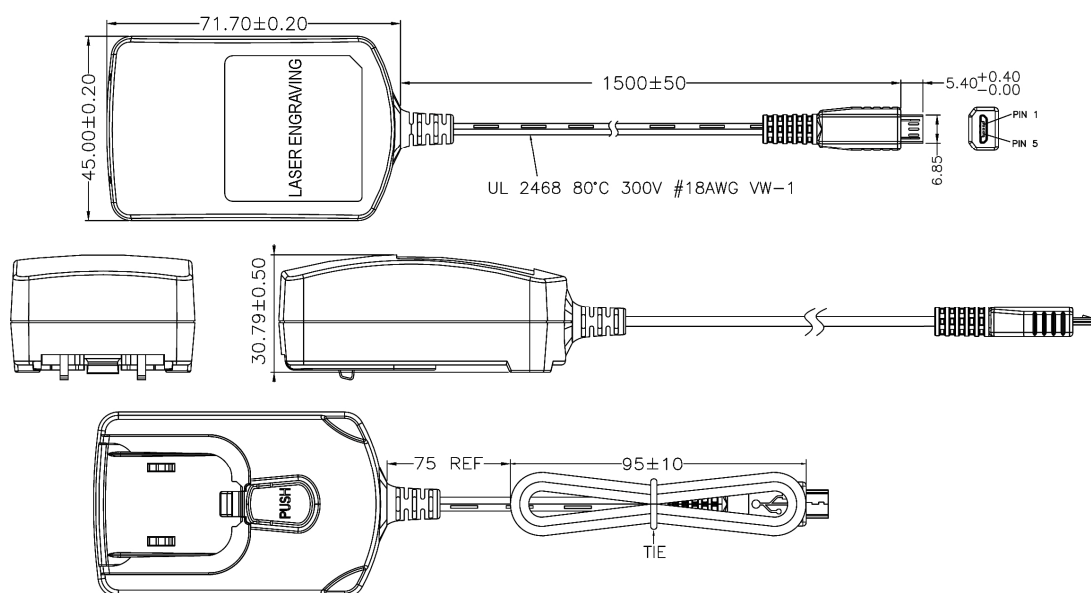
Primary to Secondary: 3000V AC for 1 min., 10mA

DC Output Connector

Micro USB

Interchangeable Clips (sold separately)

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

Dimension Diagram Unit: mm (inch)


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