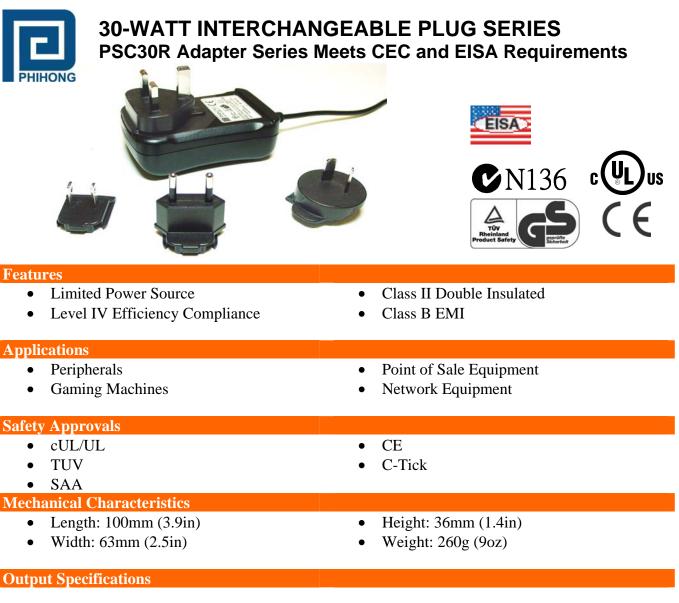
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| | DC Output | Load | | Ripple (1) | Regulation (2) | | Efficiency |
|------------|-----------|------|-------|------------|-----------------------|------|------------|
| Model | Voltage | Min. | Max. | P-P (max) | Line | Load | Level |
| PSC30R-120 | 12V | 0A | 2.50A | 120mV | ±1% | ±5% | IV |
| PSC30R-180 | 18V | 0A | 1.67A | 180mV | ±1% | ±5% | IV |
| PSC30R-240 | 24V | 0A | 1.25A | 240mV | ±1% | ±5% | IV |

Note: (1) Measured with by-pass capacitors 0.1 uf//10 uf at output connector terminal. (2) At no load to full load, 1.8 meter (6ft) DC cord, measured at the plug.

Interchangeable clips sold separately.

Phihong reserves the right to make changes without further notice. Please consult Phihong USA and visit <u>www.phihong.com</u> for the most up-to-date specifications.

PSC30R Characteristics

INPUT: AC Input Voltage Rating 100 to 240VAC

AC Input Voltage Range 90 to 264VAC

AC Input Frequency 47 to 63 Hz

Input Current 1A(RMS) max. @ 120VAC 0.5A(RMS) max. @ 240VAC

Leakage Current 0.25mA max.

Inrush Current (cold) <30A for 120VAC at max. load

<60A for 240VAC at max. load (Cold start @ ambient 25°C)

Input Power Saving 0.5W maximum at No Load

OUTPUT: Efficiency > 80.6% average efficiency

Hold-up Time 16mS min. @ 120VAC and max. load

Over Current Protection

Output equipped with short circuit protection – auto restart

Over Voltage Protection >120% By zener clamping

Short Circuit Protection Output can be shorted without damage

ENVIRONMENTAL:

TemperatureOperation0Non-operation-2

0 to +40°C -25 to +85°C

Humidity Operation

 $20 \mbox{ to } 90\%$

Emissions FCC Class B EN55022 Class B

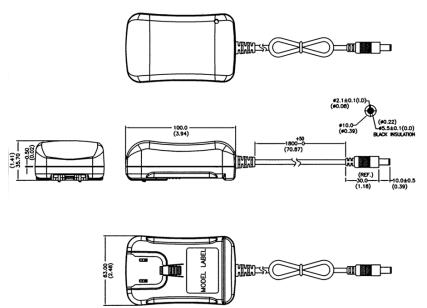
Dielectric Withstand (Hi-pot) Test Primary to Secondary: 3000VAC 1min. 10mA

DC Output Connector 2.1x5.5mm Center Positive Standard

Mating Connector Kycon KLD-0202-A or equivalent

AC Input Clips (sold separately) US: RPA Europe: RPE UK: RPK Austraila: RPS

Dimension Diagram Unit: mm (inch)



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