30W Interchangeable Plug Series
AA30R Adapter Series         Meets Level V Efficiency Requirements

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

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

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

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

Output Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>DC Output Voltage</th>
<th>Load Min.</th>
<th>Load Max.</th>
<th>Ripple P-P (max.)</th>
<th>Regulation Line</th>
<th>Load</th>
<th>Efficiency Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA30R-050</td>
<td>5V</td>
<td>0A</td>
<td>4.00A</td>
<td>70mV</td>
<td>±5%</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td>AA30R-120</td>
<td>12V</td>
<td>0A</td>
<td>2.50A</td>
<td>120mV</td>
<td>±5%</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td>AA30R-150</td>
<td>15V</td>
<td>0A</td>
<td>2.00A</td>
<td>200mV</td>
<td>±5%</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td>AA30R-240</td>
<td>24V</td>
<td>0A</td>
<td>1.25A</td>
<td>240mV</td>
<td>±5%</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td>AA30R-560</td>
<td>56V</td>
<td>0A</td>
<td>0.54A</td>
<td>560mV</td>
<td>±5%</td>
<td>V</td>
<td>V</td>
</tr>
</tbody>
</table>

(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

Revision 4/30/2014
AA30R Characteristics

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
Meets Level V efficiency requirements

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)