AC/DC Switching Adapter - Single Output

FEATURES
- 3-pole IEC320-C6 AC inlet, Class I
- Output voltage range from +5V to +24V
- 2 year warranty

ELECTRICAL SPECIFICATIONS
- Input range: 90 - 264VAC
- Frequency: 47 - 63Hz
- Inrush current: < 20A peak @115VAC; < 40A peak @230VAC cold start @25°C
- Input current (rms): 2A @90VAC; 1A @264VAC max.
- Efficiency: > 75% @full load, 115VAC
- Maximum output power (Po): 42Watts
- Hold-up time: > 10ms typical @full load, 115VAC
- Output regulation: ±5% (5V ~ 9V), ±3% (10V ~ 24V)
- Ripple & Noise: ±1%
- Short Circuit Protection: Auto-recovery
- Over Load Protection: Auto-recovery
- Over Voltage Protection: Auto-recovery

RoHS Compliant
- Dimension: L106 x W60 x H30 mm (4.17” x 2.36” x 1.18”)
- Weight: 0.25 kgs. (0.55 lbs.)

SAFETY STANDARDS & EMC STANDARDS
- UL 60950-1
- CSA C22.2-No.60950-1
- TUV EN60950-1
- CB IEC 60950-1

ENVIRONMENTAL
- Operating temperature: 0 to +60°C (Derate linearly 2.5% per °C from 41 to 60°C)
- Storage temperature: -10°C to +70°C
- Humidity: 20% ~ 90%.
- MTBF: > 80,000 hours at full load and 25°C ambient temperature

DC OUTPUT & FEATURES

<table>
<thead>
<tr>
<th>Model</th>
<th>Output Rating</th>
<th>Po</th>
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<th>Po</th>
</tr>
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<tbody>
<tr>
<td>PW-020A-1Y05B1</td>
<td>5V</td>
<td>4A</td>
<td>20W</td>
<td>PW-036A-1Y17B1</td>
<td>17V</td>
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<tr>
<td>PW-027A-1Y09B1</td>
<td>9V</td>
<td>3A</td>
<td>27W</td>
<td>PW-042A-1Y18B1</td>
<td>18V</td>
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<td>PW-027A-1Y10B1</td>
<td>10V</td>
<td>2.7A</td>
<td>27W</td>
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<td>19V</td>
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<td>27W</td>
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<td>PW-042A-1Y24B1</td>
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<td>PW-036A-1Y16B1</td>
<td>16V</td>
<td>2.25A</td>
<td>36W</td>
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</table>

Note: 1. Ripple and noise are measured at oscilloscope 20MHz bandwidth by a 10uF electrolytic capacitor and a 0.1uF ceramic capacitor in parallel at output connector.
MECHANICAL SPECIFICATION

1. AC Inlet: IEC320-C6 or IEC320-C8
2. Plastic Case Color: Black
3. Tolerance: ± 0.5mm
4. Unit: mm

STANDARD OUTPUT CABLE
1. AWM 1185 #18 AWG / 1C + SHIELDING, UL 80°C 300V VW-1, 1050 mm.
2. AWM 2464 #18 / 20 AWG / 4C + SHIELDING, UL 80°C 300V VW-1, 1050 mm.
3. Depends on customers requirements.