Model No.: AD9008(18W)

INPUT CHARACTERISTICS

- **Input Voltage Range**: 90-264 Vac
- **Input Frequency Range**: 47-63 Hz
- **Input Current**: 0.6A at 115 Vac, full load.
- **Inrush Current Cold Start**: < 120A at 230 Vac, full load, at 25°C.
- **No Load Operation**: Internal power loss < 0.3W at 230 Vac, 50 Hz.
- **Efficiency**: Average efficiency (25, 50, 75, 100% load) > 82% at 115 & 230 Vac.

OUTPUT CHARACTERISTICS

<table>
<thead>
<tr>
<th>Output Voltage</th>
<th>Load Range</th>
<th>Regulation (V)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.0V</td>
<td>MIN: 0A</td>
<td>MAX: 1.5A</td>
</tr>
</tbody>
</table>

- **Ripple Noise**: ≤ 120 mVp-p (with spike noise)
- **Hold-up Time**: 10mS min @ 100 Vac 60 Hz, full load.
- **Turn-on Delay**: 3 sec max @ 120 Vac.

**General SPEC.**

- **OVP**: 18V max., Automatic shutdown. (Latch model)
- **SCP**: Output can be shorted without damage, and latch off, auto recovery.
- **OCP**: Output current limits in 9A (Latch model)
- **Leakage Current**: < 0.25mA at 254 Vac, 50 Hz.
- **RFI/EMI**: CISPR 13 class B, CISPR 22 class B
- **MTBF (Calculation)**: 100Khrs at 45°C MIL-STD-217F
- **Dimension**: 78.3x51.8x31.5 mm

**ENVIRONMENTAL SPEC.**

- **Operating Temperature**: 0~40°C
- **Storage Temperature**: -45~80°C