60W Quad Output Switching Power Supply

**Mechanical Specification**

- **Case No.**: 901  Unit: mm

**Static Characteristics**

- **Derating Curve**

**Terminal Pin No. Assignment**

<table>
<thead>
<tr>
<th>Pin No.</th>
<th>Pin No.</th>
<th>Assignment</th>
<th>Pin No.</th>
<th>Pin No.</th>
<th>Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4</td>
<td>AC IN/DC OUTPUT VIN</td>
<td>7</td>
<td>DC OUTPUT COM</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>5</td>
<td>AC IN/DC OUTPUT V-2</td>
<td>8</td>
<td>DC OUTPUT VOUT</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>6</td>
<td>FG - DC OUTPUT V+</td>
<td></td>
<td></td>
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</tbody>
</table>

**Static Characteristics**

- **Output Ripple Voltage (mVp-p)**

**Output Ripple Current (mA)**

**Input Voltage (V)**

**Output Voltage (V)**

**Frequency (kHz)**

**Efficiency (%)**

**Leakage Current (mA)**

**Protection**

- Overload: Protection type - Hicop-mode, recovers automatically after fault condition is removed
- Over Voltage: Protection type - Overvoltage, recovers automatically after fault condition is removed

**Humidity**

- Working Humidity: 20 ~ 90% RH non-condensing

**Environment**

- Storage Temp. / Humidity: 0 ~ +85°C, 10 ~ 90% RH
- Temp. Coefficient: 0.07%/°C; (0 ~ 70°C) ; +5°C output
- Vibration: 10 ~ 55Hz, 2G, 10min, 10g, 60g, each along X, Y, Z axes

**EMC & Safety**

- Safety Standards: UL1950, Approve
- Withstand Voltage: 1kV-OPP300VAC OPP-FG 300VAC OPP-FG 0.95VAC
- Isolation Resistance: 1kV-OPP 100MΩ between 500VDC
- Conduction & Radiated EMI: Compliance to EN55022 Class B
- Electromagnetic immunity: Compliance to EN55024: 11: Electromagnetic immunity limits - CE04
- NTEF: 384 (4ω:4ω min MΩ; 95°C -217°F)
- Others: DFD: 180 x 97 x 38mm (6.0” x 3.8” x 1.5”)

**Note**

1. All parameters note must meet the standards of EN55022 Class B requirements or the limits of EN55024: 11: Electromagnetic immunity limits - CE04.
2. ripple & noise are measured at 230VAC input and rated load at 75°C of ambient temperature.
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4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.