### MEAN WELL

**IRM-15 SERIES**

15 Watt Encapsulated Power Supply

Measure: 2.06 x 1.07 x 0.95"

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**Features:**
- Universal AC input / Full range
- Compact size.
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- Isolation class I
- No load power consumption < 0.1W
- 100% full load burn-in test
- High reliability
- 3 years warranty

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DC VOLTAGE</th>
<th>RATED CURRENT</th>
<th>CURRENT RANGE</th>
<th>RATED POWER</th>
<th>OUTPUT</th>
<th>LINE REGULATION</th>
<th>LOAD REGULATION</th>
<th>SETUP, RISE TIME</th>
<th>HOLD UP TIME (Typ.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRM-15-3.3</td>
<td>3.3V</td>
<td>3.5A</td>
<td>0 - 3.5A</td>
<td>11.55W</td>
<td>200mVp-p</td>
<td>±1%</td>
<td>±1%</td>
<td>1000ms, 20mA/230VAC</td>
<td>40ms/230VAC</td>
</tr>
<tr>
<td>IRM-15-5</td>
<td>5V</td>
<td>3A</td>
<td>0 - 3A</td>
<td>15W</td>
<td>200mVp-p</td>
<td>±1%</td>
<td>±1%</td>
<td>1000ms, 20mA/115VAC</td>
<td>10ms/115VAC at full load</td>
</tr>
<tr>
<td>IRM-15-12</td>
<td>12V</td>
<td>1.25A</td>
<td>0 - 1.25A</td>
<td>15W</td>
<td>200mVp-p</td>
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<td>±1%</td>
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<td>10ms/115VAC at full load</td>
</tr>
<tr>
<td>IRM-15-15</td>
<td>15V</td>
<td>1A</td>
<td>0 - 1A</td>
<td>15W</td>
<td>200mVp-p</td>
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<td>1000ms, 20mA/230VAC</td>
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</tr>
<tr>
<td>IRM-15-24</td>
<td>24V</td>
<td>0.63A</td>
<td>0 - 0.63A</td>
<td>15.12W</td>
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**SAFETY & EMC**

- Safety Standards: UL60950-1, TUV EN60950-1 approved
- Withstand Voltage: I/P-O/P: 3kVAC
- Isolation Resistance: I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH
- EMC Emission: Compliance to EN55022 (CISPR22) Class B, EN61000-3-2,-3
- EMC Immunity: Compliance to EN55024, heavy industry level (surge L-N:1KV), criteria A
- MTBF: 970.3khrs min.
- Dimension: 52.4" x 27.2" x 24mm (L" x W" x H")
- Packing: 0.059kg/240pcs / 15.2kg / 0.97CUFT

**NOTE**
1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair wire terminated with a 0.1uf & 47uf parallel capacitor.
3. Tolerance: includes set up tolerance, line regulation and load regulation.
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.
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15 Watt Encapsulated Power Supply

Specifications are subject to change without notice. It is responsibility of each customer to thoroughly test each product and part number under their unique parameters and environments to ensure a product will work properly and reliably.

Click below for more details, to buy on-line or request volume pricing:
http://power.sager.com/mean-well-IRM-15-power-supply.html

Specifications

- **Mechanical Specification**
  - Case No. 219A
  - Unit: (mm)
  - Measures: 2.06 x 1.07 x 0.95”

- **Block Diagram**
  - fosc: 100KHz

- **Derating Curve**

- **Output Derating VS Input Voltage**

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