Rackmount Power Distribution Unit

**features:**

- 2 stage surge suppression protects against damage from power surges and spikes
- Provides notification when surge protection is compromised via local LEDs and dry contact
- 9 vertically oriented and circuit-breaker protected NEMA 5-15R outlets, 8 rear and 1 front, spaced for plug-in power supplies
- 3 USB style output ports for connection of LED gooseneck work lights, 2 rear and 1 front
- Main illuminated 15 amp switch / circuit breaker
- L-N surge suppressor design will not pass noise contamination to the ground
- Durable flat black powder coat finish
- ETL Listed in the US and Canada

**specifications:**

Rackmount power distribution unit shall be Middle Atlantic Products model # PD-915RV-RN, with a 15 amp capacity, 2 stage, normal mode spike and surge suppression with dry contact and LED status indicators and EMI filtering. Rackmount power distribution unit with normally open contact closure for remote surge suppression status notification to customer supplied monitoring device shall operate on 120 volt AC/60Hz nominal power. Rackmount power distribution unit shall include 9’ (14-3) SignalSAFE™power cord with NEMA 5-15P plug, 1 front and 8 rear vertically oriented NEMA 5-15R outlets, spaced for plug-in power supplies and 15 amp circuit breaker located on the front of the unit. “Clean ground” surge suppressor design shall not pass noise contamination to the ground. Unit shall occupy one rackspace and be constructed of 18-gauge steel with a durable black powder coat finish. Rackmount power distribution unit shall provide 2 rear and 1 front USB style, 5 volt DC output ports for connection of optional LED gooseneck work lights. Rackmount power distribution unit shall comply with the requirements of RoHS EU Directive 2011/95/EC. Rackmount power distribution shall be manufactured by an ISO 9001 registered company. Rackmount power distribution unit shall be warranted to be free from defects in materials and workmanship under normal use and conditions for a period of 3 years. Rackmount power distribution unit shall be ETL listed to UL standard 1419, UL 60950-1 and UL 60065 in the US; CSA standard 60950-1, and CSA C22.2 No. 60065 in Canada.

**options:**

- LED work light with 11” flexible gooseneck and on / off switch shall be Middle Atlantic Products model # LT-GN

Customizable specification clips available at middleatlantic.com
Rackmount Power Unit

basic dimensions

all dimensions in inches unless otherwise noted (all dimensions in brackets are in millimeters)

<table>
<thead>
<tr>
<th>Part#</th>
<th>Amps</th>
<th>Power Cord Type</th>
<th># Front Outlets</th>
<th># Rear Outlets</th>
<th>Circuit Breaker Location</th>
<th>Rear Outlet Type</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD-915RV-RN</td>
<td>15</td>
<td>NEMA 5-15P</td>
<td>1</td>
<td>8</td>
<td>front</td>
<td>NEMA 5-15R</td>
<td>black powder coat</td>
</tr>
</tbody>
</table>

Maximum Derated Load (North America): 12 Amps

surge suppression & EMI filter specifications (PD-915RV-RN)

- Maximum allowable voltage: 125 VAC (RMS)
  - Maximum continuous voltage differential applied between line and neutral
- Peak impulse current (8/20 micro seconds):
  - 30,000 Amps, one time
  - 19,500 Amps, two times within 5 minutes
  - 7,000 Amps, ten times within 2 minutes
  - Maximum peak impulse current pulse as defined between line and neutral
- Maximum multiple impulse current derated per spec
- Protection mode: Line to Neutral
- Maximum clamping voltage: 545 Volts @ 100 Amps
- Response time: Instantaneous (Less than 1 nanosecond)
- EMI/RF Suppression: More than 20 db
  - Calculated line to neutral, 100 KHz to 1 MHz suppression based upon nominal impedance
- Surge energy dissipation: 711 Joules (10 / 100 micro seconds)
- 2 Stage surge suppression with health indicators
- Surge suppression circuit does not contaminate ground

Note: UL File # E204950