Premium+ Rack Mount PDU with RackLink™ Series power management products shall be Middle Atlantic Products model # RLNK-P9__R__ (refer to chart). Premium+ Rack Mount PDU with RackLink™ power products shall be 1.75"H x 19"W x 9.83"D. Premium+ Rack Mount PDU with RackLink™ shall have a ___ (15, 20, refer to chart) amp power capacity. Premium+ Rack Mount PDU with RackLink™ shall provide ___ (two-stage MOV, Series, refer to chart) surge and spike protection. Premium+ Rack Mount PDU with RackLink™ shall provide 9 total outlets, 8 of which shall be individually controllable. Premium+ Rack Mount PDU with RackLink™ shall include a 9’ power cord. Premium+ Rack Mount PDU with RackLink™ shall monitor specific remote IP devices and services and shall automatically reboot an unresponsive network device and provide alerts via e-mail. Premium+ Rack Mount PDU with RackLink™ shall allow local export of log files in CSV format, and shall allow log files to be extracted to 3rd party databases via IP. Premium+ Rack Mount PDU with RackLink™ shall include an integrated web server for browser-based access and control. Premium+ Rack Mount PDU with RackLink™ shall support the SNMP, SSL/TLS/SSH, SMTP, NTP, DDNS, Cloud, CLI TCIP/IP/USB RS-232, HTTPS, HTTP, HyperTerminal, and Telnet communication protocols. Premium+ Rack Mount PDU with RackLink™ shall support up to 32 external sensors. Premium+ Rack Mount PDU with RackLink™ shall be Wi-Fi capable. Premium+ Rack Mount PDU with RackLink™ shall have an LCD Display. Premium+ Rack Mount PDU with RackLink™ shall support the Internet Explorer 11, Windows Edge, Firefox 25 and later, Safari (MAC) Google Chrome, Android, and iOS web browsers. Premium+ Rack Mount PDU with RackLink™ shall utilize an open-architecture serial communications protocol that is cloud compliant without being cloud dependent, and provide an API for seamless integration into any IP based architecture. Premium+ Rack Mount PDU with RackLink™ shall be fully compliant with any control system or aggregator. Premium+ Rack Mount PDU with RackLink™ shall be constructed of phosphate pre-treated steel with a black powdercoat finish. Premium+ Rack Mount PDU with RackLink™ shall meet the EU RoHS Directive 2011/65/EU. Premium+ Rack Mount PDU with RackLink™ shall be manufactured by an ISO 9001 and ISO 14001 registered company. Premium+ Rack Mount PDU with RackLink™ shall be warranted to be free from defects in materials and workmanship under normal use and conditions for a period of ___ years (refer to chart). Premium+ Rack Mount PDU with RackLink™ shall be listed to UL standard 60950-1 in US and to CAN/CSA C22.2 #60950-1 in Canada and FCC Part 15, Class B.
**Premium+ Rack Mount PDU RackLink™**

*all dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]*

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>INLET</th>
<th>OUTLET RATING</th>
<th>CIRCUIT BREAKER</th>
<th>SURGE PROTECTION</th>
<th>CORD LENGTH FT [M]</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLNK-P915R</td>
<td>IEC C14, 15A, 120V, 60Hz</td>
<td>12A, 120V AC, 60Hz</td>
<td>15A, PUSH TO RESET</td>
<td>2 STAGE</td>
<td>9 [2.75]</td>
</tr>
<tr>
<td>RLNK-P920R</td>
<td>IEC C20, 20A, 120V, 60Hz</td>
<td>16A, 120V AC, 60Hz</td>
<td>20A, PUSH TO RESET</td>
<td>2 STAGE</td>
<td>9 [2.75]</td>
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<tr>
<td>RLNK-P915R-SP</td>
<td>IEC C14, 15A, 120V, 60Hz</td>
<td>12A, 120V AC, 60Hz</td>
<td>15A, PUSH TO RESET</td>
<td>SERIES</td>
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**NOTE(S):**
1) ALL DIMENSIONS IN FORMAT: INCHES [MILLIMETERS]

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**ILLUMINATED POWER BUTTON**

**OLED DISPLAY**

**OUTLET TOUCH PANEL**

**OUTLET SEE TABLE**

**IEC CORD LOCK CLIP**

**INLET SEE TABLE**

**8X OUTLET SEE TABLE**

**8X OUTLET STATUS LED**

**ETH 10/100/1000**

**RESET**

**FEATURE PORT**

**EXPANSION PORT**

**SENSOR PORT**

**CONSOLE PORT**

**ETH 10/100**

**USB-B**

**2X USB-A**

**CIRCUIT BREAKER SEE TABLE**

**SERIES**

**SERIES**
## Premium+ Rack Mount PDU RackLink™

### SUMMARY

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<tr>
<td>Input Voltage</td>
<td>80-140VAC 60/50Hz</td>
<td></td>
</tr>
<tr>
<td>Full Load Input Current at VAC</td>
<td>120VAC 15A</td>
<td>120VAC 20A</td>
</tr>
<tr>
<td># of Outlets</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>Output Voltage Range</td>
<td>FIXED +/- 5%</td>
<td>FIXED +/- 5%</td>
</tr>
<tr>
<td>Output MAX Current</td>
<td>15A</td>
<td>20A</td>
</tr>
<tr>
<td>Output Contentious Current</td>
<td>12A</td>
<td>16A</td>
</tr>
<tr>
<td>No Load Power Dissipation</td>
<td>&lt; 1W</td>
<td>&lt; 1W</td>
</tr>
<tr>
<td>Connection Type</td>
<td>9ft. 15A IEC power cord</td>
<td>9ft. 20A IEC power cord</td>
</tr>
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### HARDWARE FEATURES

- **Surge Protection**: Two-Stage MOV
- **Peak Impulse Current (8/20μS waveform)**: 30,000 Amps, one time - Maximum peak impulse current pulse as defined between line and neutral. 19,500 Amps, two times within 5 minutes - Maximum multiple impulse current derated per spec.
- **Protection Mode**: Line to Neutral only; no ground contamination
- **Response Time**: Less than 1 nanosecond
- **Surge Engineering Dissipation**: 711 Joules (10 / 100 micro seconds)
- **EMI/RF Suppression**: >20dB Calculated Line to Neutral - 100kHz to 1MHz - based on nominal impedance
- **External Sensors Connection**: Up to 32 external sensors
- **Wi-Fi Capable**: USB WiFi dongle

### SOFTWARE FEATURES

- **Communication**: SNMP, SSL/TLS/SSH, SMTP, NTP, DDNS, Cloud, CLI, TCIP/IP/USB, RS-232, HTTPS, HTTP, HyperTerminal, Telnet
- **Discovery**: Racklink Discovery Tool
- **LCD display**: Yes
- **Network Security**: Yes/Certificates
- **Control Functions**: 8 individual controllable outlets
- **Data Monitoring**: Data Logging/Metering
- **Supported Web Browser**: Internet Explorer 11, Windows Edge, Firefox 25 and later, Safari (MAC) Google Chrome, Android, and iOS
- **Network Server Status**: AutoPing monitoring

### GENERAL

- **Certifications**: UL 60950-1 and CSA C22.2 No.60950-1, FCC Part 15, Class B
- **Dimensions (WxHxD)**: 19x1.75x9.83
- **Weight**: 12.4lbs

### WARRANTY

- **Power Products**: Standard Rack Mount or Vertical Power - 3 years

For complete warranty information, refer to [http://www.middleatlantic.com/company/about-us.aspx#warranty](http://www.middleatlantic.com/company/about-us.aspx#warranty)
# Premium+ Rack Mount PDU RackLink™

All dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]

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### HARDWARE FEATURES

#### Surge Protection

- Voltage Protection Rating: 330V (LOWEST POSSIBLE RATING) - UL 1449, Type 3 SPD
- Clamping Voltage: 186V Peak - Nominal line voltage of 132VAC(RMS)
- UL 1449 ADJUNCT Test Results: 1000 SURGES, 6000V PEAK, 3000 AMPs, B3 PULSE

#### Voltage Protection Rating

- EMI Filter, Differential Mode: 40dB@100kHz
- 50-OHM Load: 50dB@100kHz
- EMI Filter, Common Mode: 18dB@100kHz
- 50-OHM Load: 50dB@100kHz

#### Maximum Applied Surge Voltage

- Maximum Applied Surge Voltage: 6000 VOLS (1.2 X 50uS PULSE, INDUSTRY STANDARD COMBINATION WAVE PER IEEE62.41)

#### Maximum Applied Surge Current

- Maximum Applied Surge Current: UNLIMITED DUE TO INHERENT CURRENT LIMITING

#### Maximum Applied Surge Energy

- Maximum Applied Surge Energy: UNLIMITED DUE TO INHERENT CURRENT LIMITING

#### Endurance

- Endurance: 3kV>10000; 6kV>1000

#### External Sensors connection

- Up to 32 external sensors

#### Wi-Fi Capable

- USB WiFi dongle

### SOFTWARE FEATURES

#### Communication

- SNMP, SSL/TLS/SSH, SMTP, NTP, DNS, Cloud, CLI, TCIP/IP, USB RS-232, HTTPS, HTTP, HyperTerminal, Telnet

#### Discovery

- RackLink Discovery Tool

#### LCD display

- Yes

#### Network Security

- Yes/Certificates

#### Control Functions

- 8 individual controllable outlets

#### Data Monitoring

- Data Logging/Metering

#### Supported Web Browser

- Internet Explorer 11, Windows Edge, Firefox 25 and later, Safari (MAC) Google Chrome, Android, and iOS

#### Network Server Status

- AutoPing monitoring

#### Certifications

- UL 60950-1 and CSA C22.2 No.60950-1, FCC Part 15, Class B

#### Dimensions (WxHxD)

- 19x1.75x9.83

#### Weight

- 13.2lbs

### WARRANTY

- Power Products: Series Protection - 12 years

For complete warranty information, refer to http://www.middleatlantic.com/company/about-us.aspx#warranty
**Premium+ Rack Mount PDU RackLink™**

*all dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]*

**RLNK-TEMP**
- Monitors temperature and humidity in your AV system environment
- Daisy-chain up to 32 sensors for limitless design
- Monitor multiple components, multiple location monitoring in the enclosure or full ecosystem monitoring
- 13ft (4m) cable
- Range:
  - -25°C to +75°C
  - 0% RH to 100% RH
- Accuracy:
  - +/-1°C
  - +/-2.5% RH for 20%-60% @ 25°C

**RLNK-CONT**
- Connect equipment (door handles, alarms, fans, etc.) for control
- Daisy chain up to 32 modules for limitless design
- Two active dry contacts powered by 12V
- Five digital Normally Closed (NC) or Normally Open (NO) contact closures which require customer-provided NC or NO switches
- Each of the five ports (channels) can be independently set to NC or NO, factory default is NC