Premium+
Rack Mount PDU with RackLink™

More than power distribution, the Premium+ PDU with RackLink™ is the most advanced - yet simplest - to use IP control solution for Remote System Management in the industry.

**Premium+ Rack Mount PDU with RackLink™ Series**

- Simple system setup with advanced capabilities
- Save programming with integrated scheduling, variable timed sequencing, ping sequencing, auto healing, thresholds, and multiple notification options.
- Easily connect to control and IT systems with universal compatibility through custom drivers, SNMP v3/MIB, RESTful API, and 3rd party integrations.
- Configure one PDU or a thousand PDUs in a matter of moments with the ability to save your configuration files.
- Remotely update firmware without having to shut down the PDU, ensuring consistent system uptime.
- Best-in-class monitoring, logging, and data reporting for remote system management with a user-friendly interface.
- Industry-leading network security and support of IT protocols for demanding end users.
  - SSL/TLS Certificates
  - SSH
  - HTTPS
  - Self-signed certificates
- Compliant with AVIXA Energy Management Standard to support energy efficient AV system design, monitoring and optimization.

**Premium+ Rack Mount PDU with RackLink™ Series**

- **RLNK-P915R/RLNK-P915R-SP**
- **RLNK-P920R/RLNK-P920R-SP**

Premium+ Rack Mount PDU with RackLink™ Series power management products shall be Middle Atlantic Products model # RLINK-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 TCP/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 be manufactured by an ISO 9001 and ISO 14001 registered company. Premium+ Rack Mount PDU with RackLink™ shall be warrantied 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™
**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>
</tr>
<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>
<td>9 [2.75]</td>
</tr>
<tr>
<td>RLNK-P920R-SP</td>
<td>IEC C20, 20A, 120V, 60HZ</td>
<td>16A, 120V AC, 60HZ</td>
<td>20A, PUSH TO RESET</td>
<td>SERIES</td>
<td>9 [2.75]</td>
</tr>
</tbody>
</table>

**NOTE(S):**
1) All dimensions in inches [millimeters]
### Premium+ Rack Mount PDU RackLink™

**SUMMARY**

<table>
<thead>
<tr>
<th></th>
<th>RLNK-P915R</th>
<th>RLNK-P920R</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

**HARDWARE FEATURES**

<table>
<thead>
<tr>
<th></th>
<th>RLNK-P915R</th>
<th>RLNK-P920R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surge Protection</td>
<td>Two-Stage MOV</td>
<td>Two-Stage MOV</td>
</tr>
<tr>
<td>Peak Impulse Current (8/20µS waveform)</td>
<td>30,000 Amps, one time - Maximum peak impulse current pulse as defined between line and neutral</td>
<td>19,500 Amps, two times within 5 minutes - Maximum multiple impulse current derated per spec</td>
</tr>
<tr>
<td>Protection Mode</td>
<td>Line to Neutral only; no ground contamination</td>
<td></td>
</tr>
<tr>
<td>Response Time</td>
<td>Less than 1 nanosecond</td>
<td></td>
</tr>
<tr>
<td>Surge Enginery Dissipation</td>
<td>711 Joules (10 / 100 micro seconds)</td>
<td></td>
</tr>
<tr>
<td>EMI/RF Suppression</td>
<td>&gt;20dB Calculated Line to Neutral - 100kHz to 1MHz - based on nominal impedance</td>
<td></td>
</tr>
<tr>
<td>External Sensors connection</td>
<td>Up to 32 external sensors</td>
<td></td>
</tr>
<tr>
<td>Wi-Fi Capable</td>
<td>USB WiFi dongle</td>
<td></td>
</tr>
</tbody>
</table>

**SOFTWARE FEATURES**

<table>
<thead>
<tr>
<th></th>
<th>RLNK-P915R</th>
<th>RLNK-P920R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication</td>
<td>SNMP, SSL/TLS/SSH,SMTP,NTP,DDNS,Cloud,CLI TCIP/IP/USB RS-232, HTTPS, HTTP,HyperTerminal, Telnet</td>
<td></td>
</tr>
<tr>
<td>Discovery</td>
<td>Racklink Discovery Tool</td>
<td></td>
</tr>
<tr>
<td>LCD display</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Network Security</td>
<td>Yes/Certificates</td>
<td></td>
</tr>
<tr>
<td>Control Functions</td>
<td>8 individual controllable outlets</td>
<td></td>
</tr>
<tr>
<td>Data Monitoring</td>
<td>Data Logging/Metering</td>
<td></td>
</tr>
<tr>
<td>Supported Web Browser</td>
<td>Internet Explorer 11, Windows Edge, Firefox 25 and later, Safari(MAC) Google Chrome, Android, and iOS</td>
<td></td>
</tr>
<tr>
<td>Network Server Status</td>
<td>AutoPing monitoring</td>
<td></td>
</tr>
</tbody>
</table>

**GENERAL**

<table>
<thead>
<tr>
<th></th>
<th>RLNK-P915R</th>
<th>RLNK-P920R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certifications</td>
<td>UL 60950-1 and CSA C22.2 No.60950-1, FCC Part 15, Class B</td>
<td></td>
</tr>
<tr>
<td>Dimensions (WxHxD)</td>
<td>19x1.75x9.83</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>12.4lbs</td>
<td></td>
</tr>
</tbody>
</table>

**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™

**Summary**
- **Input Voltage:** 80-140VAC 60/50Hz
- **Full Load Input Current at V AC:** 120VAC 15A, 120VAC 20A
- **# of Outlets:** 9
- **Output Voltage Range:** FIXED +/- 5%
- **Output MAX Current:** 15A, 20A
- **Output Contentious Current:** 12A, 16A
- **No Load Power Dissipation:** < 1W
- **Connection Type:** 9ft. 15A IEC power cord, 9ft. 20A IEC power cord

### Hardware Features
- **Surge Protection:** Series
  - **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
  - **Classification Test Results:** MEASURED SUPPRESSED VOLTAGE: 170V, NO FAILURES
- **EMI Filter, Differential Mode:**
  - 40dB@100kHz
  - 50dB@3MHz
- **EMI Filter, Common Mode:**
  - 18dB@100kHz
  - 50dB@3MHz
- **Maximum Applied Surge Voltage:** 6000 VOLTS (1.2 X 50uS PULSE, INDUSTRY STANDARD COMBINATION WAVE PER IEEEC62.41)
- **Maximum Applied Surge Current:** UNLIMITED DUE TO INHERENT CURRENT LIMITING
- **Maximum Applied Surge Energy:** UNLIMITED DUE TO INHERENT CURRENT LIMITING
- **Endurance:**
  - 3kV>10000, 6kV>1000
  - Up to 32 external sensors
- **External Sensors connection:** USB WiFi dongle
- **Certifications:** UL 60950-1 and CSA C22.2 No.60950-1, FCC Part 15, Class B
- **Dimensions (WxHxD):** 19x1.75x9.83
- **Weight:** 13.2lbs

### 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
- **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](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