

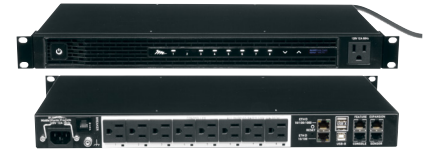
Premium+

Rack Mount PDU with RackLink™

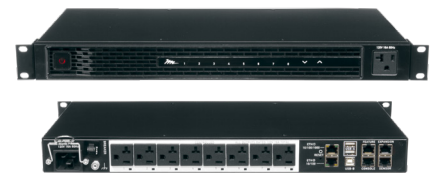
More than power distribution, the Premium+ PDU with RackLink™ is the most advanced - yet simplest - to use IP control solution for Remote System Management in the industry

features:

- 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.



RLNK-P915R/RLNK-P915R-SP



RLNK-P920R/RLNK-P920R-SP

specifications:

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 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™ 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.



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Middle Atlantic Products

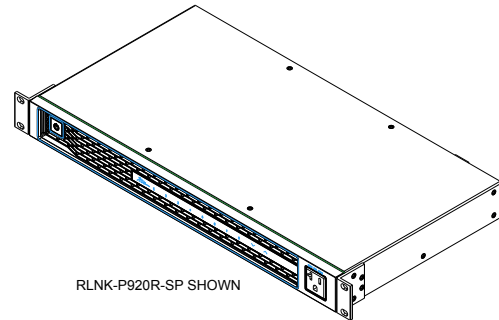
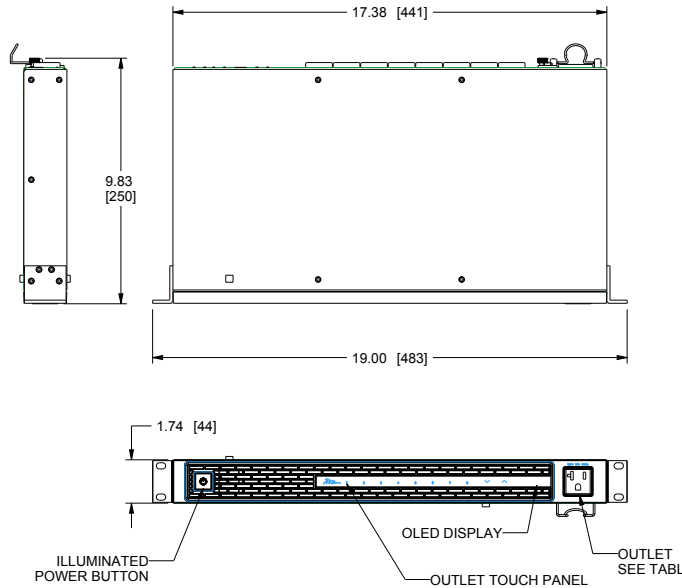
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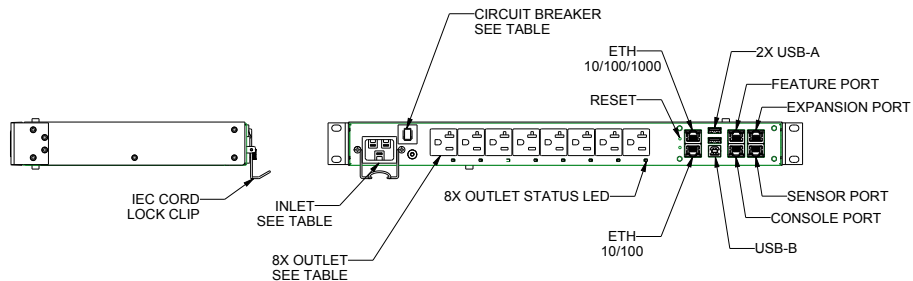
Premium+

Rack Mount PDU RackLink™

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



| MODEL NUMBER | INLET | OUTLET RATING | CIRCUIT BREAKER | SURGE PROTECTION | CORD LENGTH FT [M] |
|---------------|--------------------------|--------------------|--------------------|------------------|--------------------|
| RLNK-P915R | IEC C14, 15A, 120V, 60HZ | 12A, 120V AC, 60HZ | 15A, PUSH TO RESET | 2 STAGE | 9 [2.75] |
| RLNK-P920R | IEC C20, 20A, 120V, 60HZ | 16A, 120V AC, 60HZ | 20A, PUSH TO RESET | 2 STAGE | 9 [2.75] |
| RLNK-P915R-SP | IEC C14, 15A, 120V, 60HZ | 12A, 120V AC, 60HZ | 15A, PUSH TO RESET | SERIES | 9 [2.75] |
| RLNK-P920R-SP | IEC C20, 20A, 120V, 60HZ | 16A, 120V AC, 60HZ | 20A, PUSH TO RESET | SERIES | 9 [2.75] |



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| | | RLNK-P915R | RLNK-P920R |
|--------------------------|--|---|-------------------------|
| SUMMARY | Input Voltage | 80-140VAC 60/50Hz | |
| | Full Load Input Current at V AC | 120VAC 15A | 120VAC 20A |
| | # of Outlets | 9 | 9 |
| | Output Voltage Range | FIXED +/- 5% | FIXED +/- 5% |
| | Output MAX Current | 15A | 20A |
| | Output Contentious Current | 12A | 16A |
| | No Load Power Dissipation | < 1W | < 1W |
| | Connection Type | 9ft. 15A IEC power cord | 9ft. 20A IEC power cord |
| HARDWARE FEATURES | Surge Protection | Two-Stage MOV | Two-Stage MOV |
| | Peak Impulse Current (8/20uS 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 Enginry 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>

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| | | RLNK-P915R-SP | RLNK-P920R-SP |
|--------------------------|---------------------------------|---|-------------------------|
| SUMMARY | Input Voltage | 80-140VAC 60/50Hz | |
| | Full Load Input Current at V AC | 120VAC 15A | 120VAC 20A |
| | # of Outlets | 9 | 9 |
| | Output Voltage Range | FIXED +/- 5% | FIXED +/- 5% |
| | Output MAX Current | 15A | 20A |
| | Output Contentious Current | 12A | 16A |
| | No Load Power Dissipation | < 1W | < 1W |
| | Connection Type | 9ft. 15A IEC power cord | 9ft. 20A IEC power cord |
| HARDWARE FEATURES | Surge Protection | Series | 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@100kHz |
| | 50-OHM Load | 50dB@3MHz | 50dB@30MHz |
| | EMI Filter, Common Mode | 18dB@100kHz | 30dB@100kHz |
| | 50-OHM Load | 50dB@3MHz | 50dB@30MHz |
| | Maximum Applied Surge Voltage | 6000 VOLTS (1.2 X 50µS PULSE, INDUSTRY STANDARD COMBINATION WAVE PER IEEE62.41) | |
| | 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 | |
| | External Sensors connection | Up to 32 external sensors | |
| SOFTWARE FEATURES | Wi-Fi Capable | USB WiFi dongle | |
| | 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 | |
| WARRANTY | 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>

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accessories:

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:
 - -25C to +75C
 - 0% RH to 100% RH
- Accuracy:
 - +/-1°C
 - +/-2.5% RH for 20%-60% @ 25°C



RLNK-TEMP

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



RLNK-CONT