

Premium+

Rack Mount PDU with RackLink™

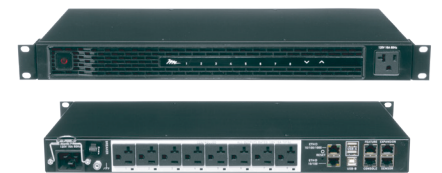
More than power distribution, the Premium+ PDU with RackLink™ is the most advanced - yet simplest - to use IP control solution for Remote System Management in the industry

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 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™



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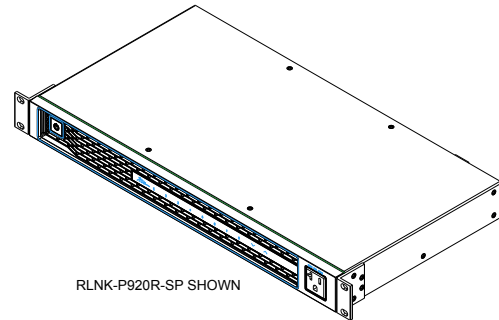
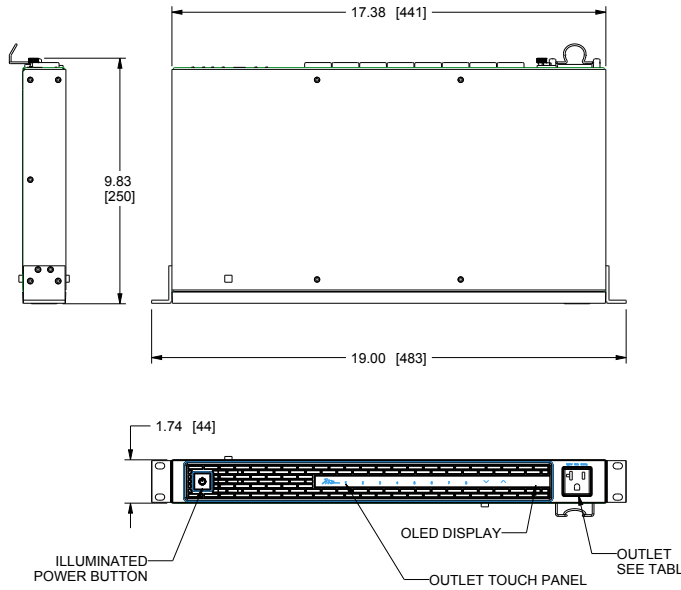
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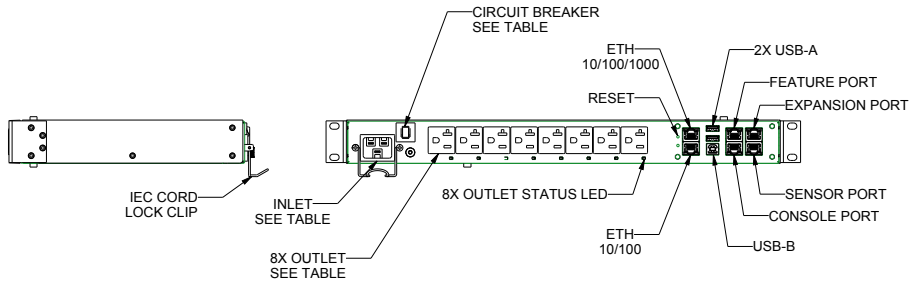
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Rack Mount PDU RackLink™

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