


Middle Atlantic Products

EXCEPTIONAL SUPPORT & PROTECTION™

120 Volt Rackmount Power Distribution with Monitoring



Rackmount power distribution unit with 9 outlets and monitoring of 8 parameters

Features

- Simple integrated monitoring of 8 parameters: voltage, current, watts, VA, frequency, power factor, KWh and run time
- Power distribution equipped with 8 rear outlets and one front outlet
- Generous 9" depth
- Illuminated combination power switch/circuit breaker
- Occupies 1 rackspace
- Attractive black powder coat finish



PD-915R-M

Architects' and Engineers' Specifications

Rackmount power distribution unit shall be Middle Atlantic Products model # PD-915R-M, 15 amp power supply with differential and common mode surge and spike protection and EMI filtering. Rackmount power distribution unit shall operate on 120 volt AC/60Hz current. Rackmount power distribution unit shall include 9' SignalSafe™ 14/3 power cord with NEMA 5-15P plug, 8 rear outlets (NEMA 5-15R), one front outlet (NEMA 5-15R), and 15 amp circuit breaker located on front panel (master switch). Rackmount power distribution unit shall feature a lighted LCD meter that will provide monitoring for 8 parameters: voltage (to be displayed in volts), current (to be displayed in amps), power (to be displayed in watts), apparent power (VA) (to be displayed in Volt-amperes), frequency (displayed in Hertz), power factor, kilowatt hours (KWh) (to be displayed in Kilowatts per hour) and run time (to be displayed in hours and minutes). Rackmount power distribution unit shall occupy one rackspace and be constructed of 16-gauge phosphate pre-treated steel with durable black powder coat finish. Rackmount power distribution unit shall be ETL listed to UL standard 1419 in the in the US and to CAN/CSA C22.2 #1 in Canada. Rackmount power distribution shall be GREENGUARD Indoor Air Quality Certified for Children and Schools. Rackmount power distribution shall be RoHS EU Directive 2002/95/EC compliant. Rackmount power distribution shall be manufactured by an ISO 9001 registered company. Rackmount power distribution unit shall be warrantied to be free from defects in material or workmanship for a period of 3 years.

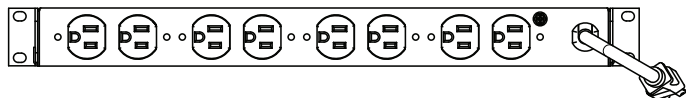
96-01092 / rev 1a / 09-08-10 / 120 Volt Rackmount Power Distribution

CUSTOMIZABLE SPECIFICATION CLIPS AVAILABLE AT MIDDLEATLANTIC.COM

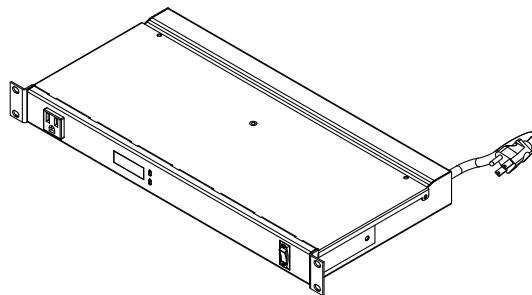
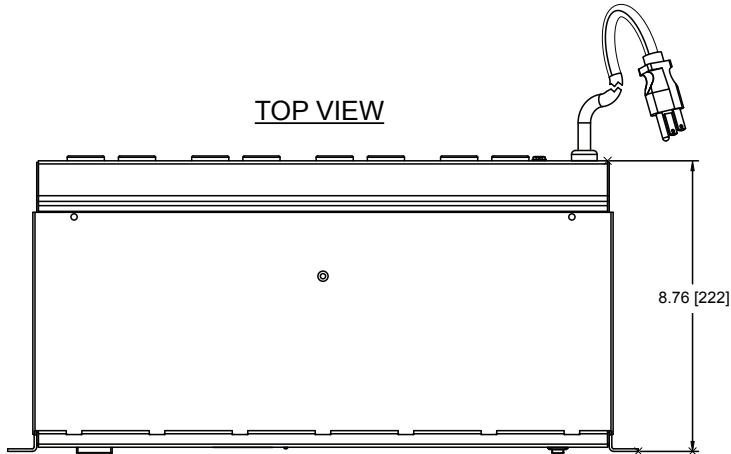
PD-915R-M basic dimensions



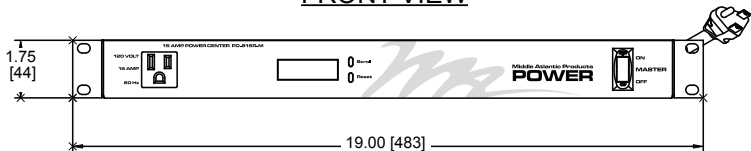
REAR VIEW



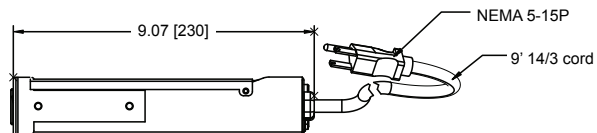
TOP VIEW



FRONT VIEW



SIDE VIEW



All dimensions in inches [Bracketed dimensions in millimeters]

Part #	Amps	Power Cord Type	# Front Outlets	# Rear Outlets	Circuit Breaker Location	Rear Outlet Type	Cord Length	Finish
PD-915R-M	15	NEMA 5-15P	1	8	Rear	NEMA 5-15R	9'	Black Powder coat

FUNCTION	RANGE	ACCURACY
VOLTS	85 ~ 125V rms	1%
AMPS	0 ~ 15.0A rms	1%
WATT	0 ~ 1875WATTS	2%
VA	0 ~ 1875VA	2%
FREQUENCY	47.0 ~ 63.0Hz	+ / - 0.1Hz
POWER FACTOR	0 ~ 1.00	3%
KWH	0.00 ~ 9999	2%
KWH HOUR	0.00 ~ 9999	30ppm

Surge Suppression & EMI Filter Specifications

- Nominal Line Voltage: 120 VAC
- Maximum Line Current: 15 Amps
- Maximum Allowable Voltage: 125 VAC (RMS)
- Protection Mode: Line to neutral
- Peak Impulse Current (8/20 microseconds)
 - One Time: 10,000 Amps
 - Two Times within 5 minutes: 7,000 Amps
 - Ten Times within 2 minutes: 3,000 Amps
- Maximum Clamping Voltage: 395 volts at 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