Series Protection™
power distribution

features:

- Industry's fastest Patented non-sacrificial surge technology protects equipment from damage without contaminating system ground

- 100% free MOV-free design is non-sacrificial and non-degrading

- Connected devices are automatically disconnected (protected) from sustained over & under input voltage

- Automatic recovery after both over- and under-voltage events minimizes system downtime

- Available in 15 or 20 Amps at 120 volts in 19" rackmount, in 15 or 20 Amps in half rack, and in 15 Amp hardwired versions

- 15 Amp Hardwired model available

- Series Protection technology meets the most current and applicable highest standard for safety and reliability

- 12 year warranty

PD-920R-SP

PD-415R-SP

PD-HW15-SP

specifications:

Patented Series Protection™ power distribution unit shall be Middle Atlantic Products model # PD-_____-SP (refer to chart), with a (15, 20) Amp power capacity. Series Protection power distribution unit shall operate on 120 volt AC/60Hz current. Series protection shall be _____ (Rackmount, Half-rack rackmount, Stand Alone, refer to chart). Series Protection shall be __" H x __"W X __"D, refer to drawing. Series Protection shall include 9' 14/3 SignalSAFE™ power cord with NEMA 5-__P (15, 20) (refer to chart) plug, or be hardwired. Series Protection shall include __ (4,8) rear outlets, __ (0, 1) (refer to chart) front outlets. Series Protection power distribution shall have both over AND under-voltage cutoff and shall automatically restore power once event has passed. The over voltage cut-off threshold shall not exceed 135 VAC. The under voltage cut-off threshold shall not be lower than 100 VAC. Series Protection power shall be 100% free of MOVs. Series Protection power shall have a rated capacity (not peak operating capacity) of (15A /20A) (refer to chart). Series Protection power distribution shall have a black powder coat finish. Series Protection shall comply with the requirements of RoHS EU Directive 2002 / 95 / EC. Rackmount power strip shall be ETL Listed to UL standard 1283 and 1449, 3rd Ed. (Corded model), or 1283 (hardwired model) in the US and to CAN/CSA C22.2 #8, ed. 4 in Canada. Series Protection power distribution shall be manufactured by an ISO 9001 registered company. Series Protection power distribution shall be warrantied to be free from defects in materials and workmanship under normal use and conditions for a period of 12 years.

Customizable specification clips available at middleatlantic.com

US PATENT # 8,947,844   RoHS   ETL Intertek
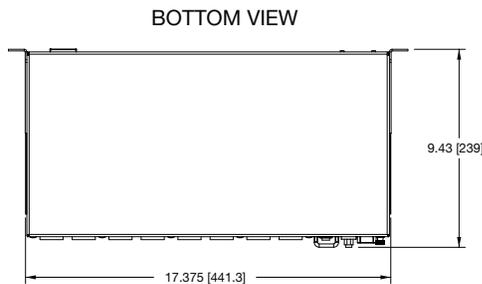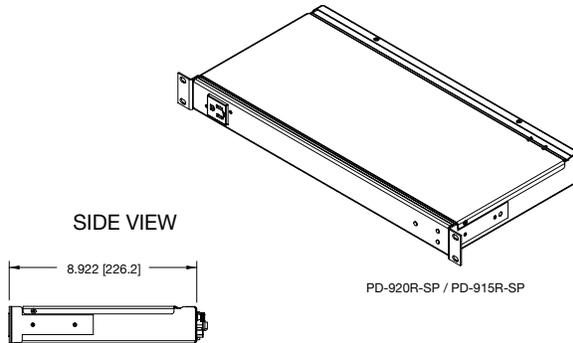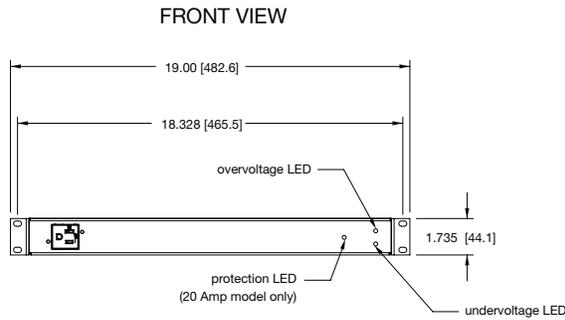
Series Protection™
basic dimensions

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

Full Rackmount 19" width

FRONT VIEW

19.00 [482.6]

18.328 [465.5]

overvoltage LED

1.735 [44.1]

protection LED
(20 Amp model only)

undervoltage LED

SIDE VIEW

8.922 [226.2]

PD-920R-SP / PD-915R-SP

BOTTOM VIEW

9.43 [239]

17.375 [441.3]

switch guard

supplementary over current breaker

bonding screw

REAR VIEW
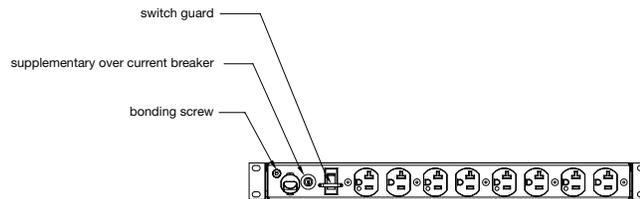
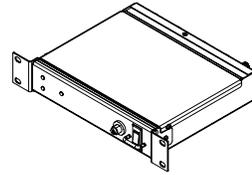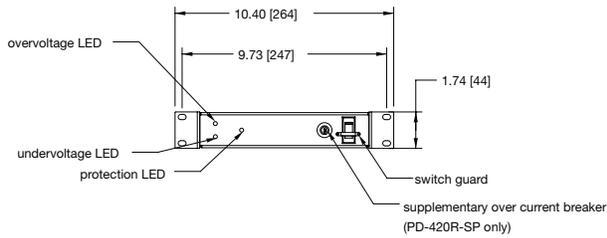| Part #	Chassis	Input	Outlet Qty	Peak Load @120VAC	Surge Mode	Measured Over/Under Voltage Threshold (Outlets Only)*			
						Upper Limit Cutoff	Upper Limit Restore	Lower Limit Cutoff	Lower Limit Restore
PD-915R-SP	Rackmount	9' SignalSAFE™ Cord	9	15A	Series	135VAC (RMS)	126VAC (RMS)	100VAC (RMS)	105VAC (RMS)
PD-920R-SP	Rackmount	9' SignalSAFE™ Cord	9	20A	Series	135VAC (RMS)	126VAC (RMS)	100VAC (RMS)	105VAC (RMS)
PD-415R-SP	Half Rack	9' SignalSAFE™ Cord	4	15A	Series	135VAC (RMS)	126VAC (RMS)	100VAC (RMS)	105VAC (RMS)
PD-420R-SP	Half Rack	9' SignalSAFE™ Cord	4	20A	Series	135VAC (RMS)	126VAC (RMS)	100VAC (RMS)	105VAC (RMS)
PD-HW15-SP	Stand alone	Internal J-Box		15A	Series	135VAC (RMS)	126VAC (RMS)	100VAC (RMS)	105VAC (RMS)

*Measured using 0.8 pf load

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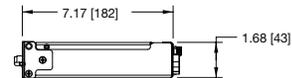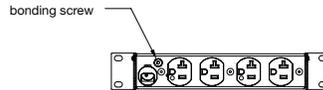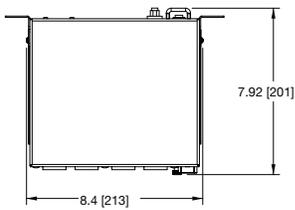
Series Protection™
basic dimensions

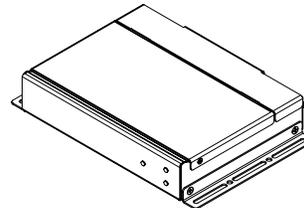all dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]

Half Rackmount 10.4" width

10.40 [264]
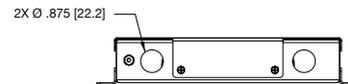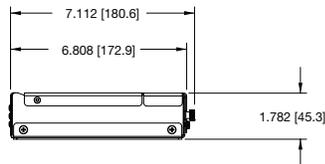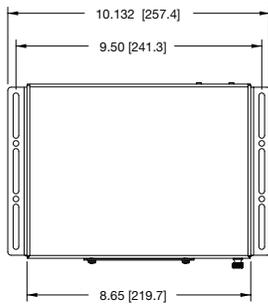
9.73 [247]

1.74 [44]

overvoltage LED

undervoltage LED

protection LED

switch guard

supplementary over current breaker
(PD-420R-SP only)

PD-420R-SP / PD-415R-SP

7.92 [201]

8.4 [213]

bonding screw

7.17 [182]

1.68 [43]

Stand Alone

1.735 [44.1]

1.795 [45.6]

10.132 [257.4]

9.50 [241.3]

PD-HW15-SP

8.65 [219.7]

7.112 [180.6]

6.808 [172.9]

1.782 [45.3]

2X Ø .875 [22.2]

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