



Metered PDU's

Models: PM-XXX-XX

Monitor current draw at the PDU via local meter.

Metered Power Distribution Units (PDU's) deliver reliable power distribution and local current monitoring via LEDs. Increasing power demands and density in the equipment cabinet requires new functionality from your cabinet PDU. The Metered PDU products uniquely meet these demands.

The Metered PDU's LED input current monitoring allows engineers to utilize the True RMS Power Monitor to precisely measure the current (amps) that network devices are drawing on each power circuit. This allows the engineer to safely load each circuit to its maximum allowable load capacity without the danger of overloading the circuit. This visual LED read-out on the PDU provides immediate information while working at the cabinet to make an informed decision on whether additional equipment can be added to a circuit without overloading. This information and subsequent actions can prevent costly downtime.

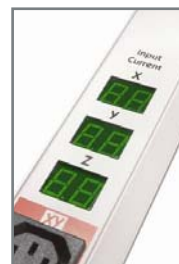
Features

- **Input Current Monitoring:** Precisely measure the aggregate current draw (in amps) on each power circuit. On-site verification of the input current with the LED digital display.
- **Multiple Power Distribution Options:** 120V, 208V and three-phase power options. 20 or 30-Amp power input feed.
- **Single or Dual Circuit Options:** Single or Dual input feeds with varying receptacle styles and densities. Dual feed units cost effectively deliver redundant power to equipment.
- **Zero U and Rack-mount models:** Both vertical and horizontal unit form factors are available.
- **Blade server models:** C19 connections with redundant power offer ideal practical solutions for blade server applications.



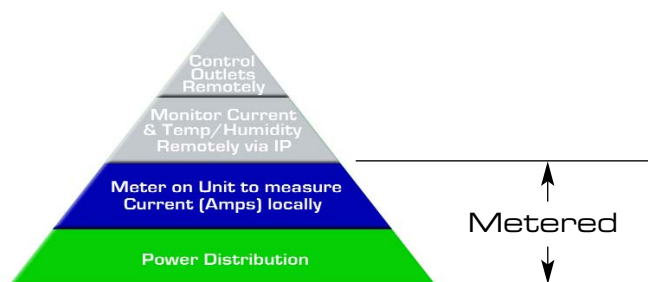
Branch Circuit Protection

The Metered PDU Family meets the new UL 60950-1 requirement for branch circuit protection. The products meet the above criteria by providing overcurrent protection with UL-listed Bussman SC fuses for each branch circuit.



Current Monitoring

The PDU's exclusive True RMS current monitoring is critical to preventing overloads in high-density computing environments. LED digital displays are bright and visible accurately measuring the input current.



VERTICAL

120V Vertical Units - Zero U Clearance

120 V

Part Number	Amps	Input Voltage Range	Input Connection	Receptacles	Dimensions
PM-12-1-C20	20	100-120V 50/60Hz	IEC C20 Inlet*	(12) NEMA 5-20R	31.25" x 1.75" x 2.25"
PM-12-1-L530	30	100-120V 50/60Hz	L5-30P	(12) NEMA 5-20R	31.25" x 1.75" x 2.25"
PM-24-1-C20	20	100-120V 50/60Hz	IEC C20 Inlet*	(24) NEMA 5-20R	54.0" x 1.75" x 2.25"
PM-24-1-L530	30	100-120V 50/60Hz	L5-30P	(24) NEMA 5-20R	54.0" x 1.75" x 2.25"
PM-D24-1-C20	(2) 20	100-120V 50/60Hz	(2) IEC C20 Inlet*	(24) NEMA 5-20R	31.25" x 3.5" x 2.25"
PM-D24-1-L530	(2) 30	100-120V 50/60Hz	(2) L5-30P	(24) NEMA 5-20R	31.25" x 3.5" x 2.25"
PM-D48-1-C20	(2) 20	100-120V 50/60Hz	(2) IEC C20 Inlet*	(48) NEMA 5-20R	54.0" x 3.5" x 2.25"
PM-D48-1-L530	(2) 30	100-120V 50/60Hz	(2) L5-30P	(48) NEMA 5-20R	54.0" x 3.5" x 2.25"

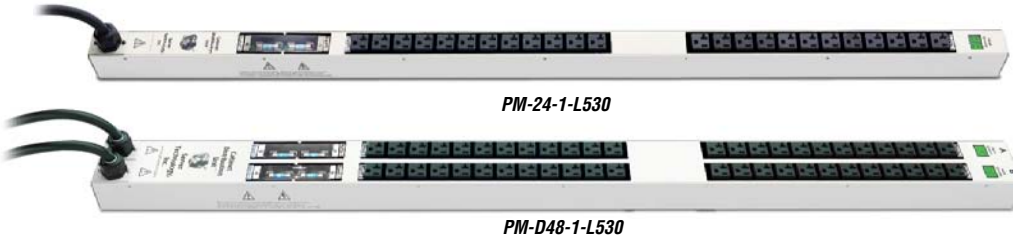


C20 Inlet*



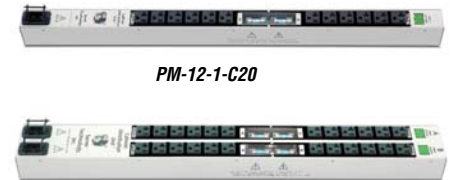
NEMA L5-30 Plug

* All C20 inlet input connections require a separate power cord. Cords are ordered separately. Select appropriate source connection as required. See page 4 for cord options & ordering information.



PM-24-1-L530

PM-D48-1-L530



PM-12-1-C20

PM-D24-1-C20

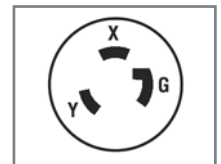
208V Vertical Units - Zero U Clearance

208 V

Part Number	Amps	Input Voltage Range	Input Connection	Receptacles	Dimensions
PM-12-2-C20	20	208-240V 60Hz	IEC C20 Inlet*	(12) IEC C13	31.25" x 1.75" x 2.25"
PM-12-2-L630	30	208-240V 60Hz	L6-30P	(12) IEC C13	31.25" x 1.75" x 2.25"
PM-24-2-C20	20	208-240V 60Hz	IEC C20 Inlet*	(24) IEC C13	54.0" x 1.75" x 2.25"
PM-24-2-L630	30	208-240V 60Hz	L6-30P	(24) IEC C13	54.0" x 1.75" x 2.25"
PM-24-2-L30A	30	208-240V 60Hz	L6-30P	(18) IEC C13 & (6) IEC19	63.5" x 1.75" x 2.25"
PM-D24-2-C20	(2) 20	208-240V 60Hz	(2) IEC C20 Inlet*	(24) IEC C13	31.25" x 3.5" x 2.25"
PM-D24-2-L630	(2) 30	208-240V 60Hz	(2) L6-30P	(24) IEC C13	31.25" x 3.5" x 2.25"
PM-D48-2-C20	(2) 20	208-240V 60Hz	(2) IEC C20 Inlet*	(48) IEC C13	54.0" x 3.5" x 2.25"
PM-D48-2-L630	(2) 30	208-240V 60Hz	(2) L6-30P	(48) IEC C13	54.0" x 3.5" x 2.25"

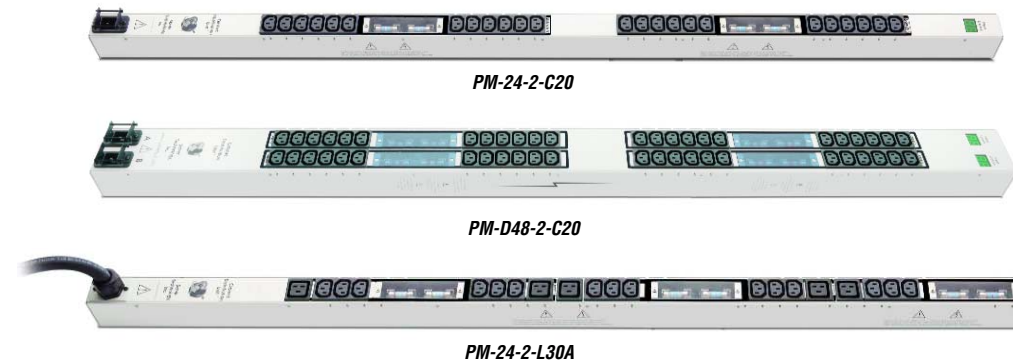


C20 Inlet*



NEMA L6-30 Plug

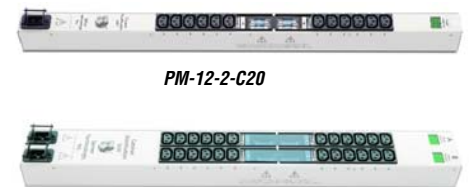
* All C20 inlet input connections require a separate power cord. Cords are ordered separately. Select appropriate source connection as required. See page 4 for cord options & ordering information.



PM-24-2-C20

PM-D48-2-C20

PM-24-2-L30A



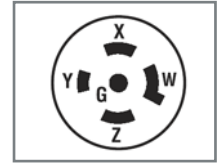
PM-12-2-C20

PM-D24-2-C20

208V 3-Phase Wye - Vertical Units - Zero U Clearance

208/3

Part Number	Amps	Input Voltage Range	Input Connection	Receptacles	Dimensions
PM-21-Y-L2120	20	3 Ph Wye 208V/60Hz	L21-20P	(21) IEC C13	45.0" x 1.75" x 2.25"



NEMA L21-20 Plug



PM-21-Y-L2120

HORIZONTAL

120V Horizontal Units - 19" Rack-mount

120V

Part Number	Amps	Input Voltage Range	Input Connection	Receptacles	Dimensions
PM-4H-1-C20	20	100-120V 50/60Hz	C20 Inlet*	(4) IEC C19	1.75" x 17.0" x 10.0"
PM-4H-1-L530	30	100-120V 50/60Hz	L5-30	(4) IEC C19	1.75" x 17.0" x 10.0"
PM-10H-1-C20	20	100-120V 50/60Hz	C20 Inlet*	(10) NEMA 5-20R	1.75" x 17.0" x 10.0"
PM-10H-1-L530	30	100-120V 50/60Hz	L5-30	(10) NEMA 5-20R	1.75" x 17.0" x 10.0"
PM-D12H-1-L530	(2) 30	100-120V 50/60Hz	(2) L5-30	(12) IEC C19	3.5" x 17.0" x 10.0"



PM-4H-1-C20



PM-10H-1-L530



PM-D12H-1-L530
(cord not shown)

208V Horizontal Units - 19" Rack-mount

208V

Part Number	Amps	Input Voltage Range	Input Connection	Receptacles	Dimensions
PM-4H-2-C20	20	208-240V 60 Hz	C20 Inlet*	(4) IEC C19	1.75" x 17.0" x 10.0"
PM-4H-2-L630	30	208-240V 60 Hz	L6-30	(4) IEC C19	1.75" x 17.0" x 10.0"
PM-12H-2-C20	20	208-240V 60 Hz	C20 Inlet*	(12) IEC C13	1.75" x 17.0" x 10.0"
PM-12H-2-L630	30	208-240V 60 Hz	L6-30	(12) IEC C13	1.75" x 17.0" x 10.0"
PM-D12H-2-L630	(2) 30	208-240V 60 Hz	(2) L6-30	(12) IEC C19	3.5" x 17.0" x 10.0"



PM-4H-2-C20



PM-12H-2-L630
(cord not shown)



PM-D12H-2-L630
(cords not shown)

208V 3-Phase Wye - Horizontal Units - 19" Rack-mount

208/3

Part Number	Amps	Input Voltage Range	Input Connection	Receptacles	Dimensions
PM-D12H-Y-L2130	(2) 30	3 Ph Wye 208V/60Hz	(2) L21-30P	(12) IEC C19	3.5" x 17.0" x 7.0"



PM-D12H-Y-L2130



Power Cords & Environmental Monitoring Sensors

Power Cords - Source to C20 Inputs

Part Number	Description
PCS-01	Input Cord for C20 Inlet - IEC C19 to NEMA 5-15P, 120V, 10' Length
PCS-02	Input Cord for C20 Inlet - IEC C19 to NEMA 5-20P, 120V, 10' Length
PCS-03	Input Cord for C20 Inlet - IEC C19 to NEMA L5-20P, 120V, 10' Length
PCS-04	Input Cord for C20 Inlet - IEC C19 to NEMA L6-20P, 208V, 10' Length



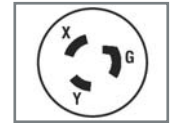
NEMA 5-15P



NEMA 5-20P



NEMA L5-20P



NEMA L6-20

Power Cords - IEC Equipment to PDU

Part Number	Description
PCE-18	Equipment Cord - IEC C14 to IEC C13 - 18" (1.5 ft.) Length
PCE-36	Equipment Cord - IEC C14 to IEC C13 - 36" (3 ft.) Length
PCE-72	Equipment Cord - IEC C14 to IEC C13 - 72" (6 ft.) Length



Mounting



Button Mounting - All vertical mount "Zero U" PDUs offer quick installation button mounting. The button mounts slide into key-hole slots in the cabinet or on brackets mounted in the cabinet. Electrorack offers a wide variety of brackets that allow the plug orientation of both vertical and rack-mount horizontal PDUs to face toward the center, front or rear of the cabinet.

Technical Specifications

Standards

- > CTUVus - UL 60950-1-2003
- > CAN/CSA 22.2 No. 60950-1:2003
- > TUV_GS - EN60950-1:2001
- > FCC Class A Part 15
- > CE
- > EMC-EN 55022 Class A, EN 55024

