



Server Technology
Quality Rack Power Solutions

The New ProGrade 42 PDU

Zero-U Rack Mounted Cabinet PDUs with 42 Outlets

More outlets. More flexibility. Highest quality.

Looking for more outlets, more flexibility & and professional grade quality in a smaller form factor?

Introducing our new ProGrade 42: A 42 outlet Smart PDU so you can pack more power and more devices into your data center racks. The high outlet count of mixed outlets makes the it the one PDU to power blade or traditional servers. The 42 outlets have a middle display that can be inverted, for overhead or under the floor power, and our next-generation locking receptacles. When paired with Server Technology's locking power cords, you'll have peace of mind knowing that your servers will stay safely plugged into the cabinet PDU. These network addressable Smart CDUs support an additional link unit using a single IP address as well as 4 temperature & humidity probes (2 via the master, 2 via the link unit)

Available capacities include 208-240V 30A, 230V 32A, 3-Phase Delta and Wye 208V 30A, 400/230V 32A, and 415/240V 30A.

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Features Include

Per Inlet Power
Sensing



Input Current
Monitoring



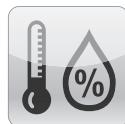
Link to an
expansion CDU



Locking Outlets



Temperature &
Humidity Monitoring



Branch Circuit
Protection



Network Monitoring



Button Mounting



200-240V
Single-Phase
30/32A

208V
3-Phase
30A

400 & 415V
3-Phase
32 & 30A





Models

North America

Master	Expansion	Input	Input Current	Input Plug
PDV-3201C	PEV-3201C	208-240 V, 50/60 Hz	30A (De-rated 24A)	NEMA L6-30P, 10 ft (3 m) cord
PDV-3202M	PEV-3202M	208 V, 3-phase Wye, 50/60 Hz	30A (De-rated 24A)	NEMA L21-30P, 10 ft (3 m) cord
PDV-3202E	PEV-3202E	208 V, 3-phase Wye, 50/60 Hz	30A (De-rated 24A)	NEMA L15-30P, 10 ft (3 m) cord
PDV-3202V	PEV-3202V	208 V, 3-phase Wye, 50/60 Hz	50A (De-rated 30A)	CS8365, 10 ft (3 m) cord
STV-3203C	SEV-3203C	240/415 V, 3-phase Wye, 50/60 Hz	20A (De-rated 16A)	IEC 60309 3P+N+G, 6hr (Red), 10 ft (3 m) cord
STV-3203D	SEV-3203D	240/415 V, 3-phase Wye, 50/60 Hz	30A (De-rated 24A)	IEC 60309 3P+N+G, 6hr (Red), 10 ft (3 m) cord
STV-3203Z	SEV-3203Z	240/415 V, 3-phase Wye, 50/60 Hz	30A (De-rated 24A)	NEMA L22-30P, 10 ft (3 m) cord

Global

Master	Expansion	Input	Input Current	Input Plug
PDV-3201K	PEV-3201K	230 V, 50/60 Hz	32 A	IEC 60309 2P+G, 6hr (Red), 3 m (10 ft) cord
STV-3203J	SEV-3203J	230/400 V, 3-phase Wye, 50/60 Hz	16 A	IEC 60309 3P+N+G, 6hr (Red), 3 m (10 ft) cord
STV-3203K	SEV-3203K	230/400 V, 3-phase Wye, 50/60 Hz	32 A	IEC 60309 3P+N+G, 6hr (Red), 3 m (10 ft) cord

Specifications

Input

- PIPS® Monitoring Parameters: Input current (A), voltage (V), power (kW), apparent power (VA), power consumption (W-hr), crest factor, power factor
- Meets or exceeds ANSI C12.1 for +/- 1% Billing Grade Accuracy (independently tested by UL)
- Power cord: Top-entry

Output*

Type: (36) IEC 60320/C13 and (6) IEC 60320/C19

Voltage: 200-240 V

* Note: Models P[]V-3202M include an unmonitored 100-120 V NEMA 5-20R auxiliary outlet

Display

P[]V-3201[]: (1) Input current LED

P[]V-3202[] and P[]V-3203[]: (3) Input line current LEDs

Temperature/Humidity Sensors

(2) Combination temperature/humidity sensor inputs per Master or Expansion PDU

Branch Circuit Protection

Compliant to UL 60950-1, UL 489

Model	Number of branches and Type of Branch Circuit Overload Protection
P[]V-3201[]	2, UL489 double-pole, single-throw 20 A circuit breakers
P[]V-3202[]	3, UL489 double-pole, single-throw 20 A circuit breakers
P[]V-3203[]	6, UL489 single-pole, single-throw 20 A circuit breakers

Dimensions and Weights

Model	Dimensions (LxWxD)	Shipping Dimensions (LxWxD)	Shipping Weight
P[]V-3201[]	64.0 x 2.20 x 2.37 in. (163 x 5.6 x 6.0 cm)	75 x 8 x 5 in. (191 x 21 x 13 cm)	17 lb. (7.7 kg)
P[]V-3202[]	70.0 x 2.20 x 2.37 in. (178 x 5.6 x 6.0 cm)	75 x 8 x 5 in. (191 x 21 x 13 cm)	22 lb. (10 kg)
P[]V-3203[]	70.0 x 2.20 x 2.37 in. (178 x 5.6 x 6.0 cm)	75 x 8 x 5 in. (191 x 21 x 13 cm)	22 lb. (10 kg)



Specifications (Continued)

Interface and Protocol Support

Master PDU

- 10-100 Mbps Ethernet (RJ-45 connector)
- RS-232 serial (RJ-45 connector)
- (2) temperature/humidity sensor inputs (RJ-11)
- Link port (RJ-12)
- Web browser and serial interface
- HTTP/HTTPS, SSLv3/TLSv1, SSHv2, Telnet
- SNMPv2 and v3 (TRAPS, GET, SET)
- IPv4 and IPv6
- LDAPv3/LDAPS, TACACS+, RADIUS

Warranty

2 years

Certifications

North America

- cTUVus Mark to UL 60950-1: 2007 and CAN/CSA 22.2 No. 60950-1-07
- FCC Class A, Part 15
- EMC to EN 55022 Class A, EN 55024, CISPR 22 Class A

Global

- TUVGS Mark to EN 60950-1: 2006 + A11
- FCC Class A, Part 15
- EMC to EN 55022 Class A, EN 55024, CISPR 22 Class A
- CE Mark
- RoHS/WEEE

Environmental Requirements

	Operating	Storage
Temperature	32° to 140° F (0° to 60° C)	-40° to 185° F (-40° to 85° C)
Relative Humidity	8% to 90% non-condensing	8% to 90% non-condensing

Accessories

Description

Part Number

Temperature/Humidity Sensor	EMTH-1-1
Environmental Monitor Control Unit	EMCU-1-1

Locking Power Cord Options

UL Rated

Plug	Plug Type*	Connector	Length, ft (m)	Part Number
C14	Straight	C13	1.5 (0.45)	CAB-S1413-CA
C14	Straight	C13	3.0 (0.91)	CAB-S1413-FA
C14	Straight	C13	6.0 (1.82)	CAB-S1413-NA
C20	Straight	C19	1.5 (0.45)	CAB-S2019-CA
C20	Straight	C19	3.0 (0.91)	CAB-S2019-FA
C20	Straight	C19	6.0 (1.82)	CAB-S2019-NA
C14	Straight	C19	6.0 (1.82)	CAB-S1419-NA
C20	Straight	C13	6.0 (1.82)	CAB-S2013-NA
C14	Left Angle	C13	1.0 (0.30)	CAB-1506A
C14	Left Angle	C13	1.5 (0.45)	CAB-L1413-CA
C14	Left Angle	C13	2.0 (0.61)	CAB-L1413-DA
C14	Left Angle	C13	4.0 (1.21)	CAB-1506G
C20	Left Angle	C13	3.0 (0.91)	CAB-L2013-FA

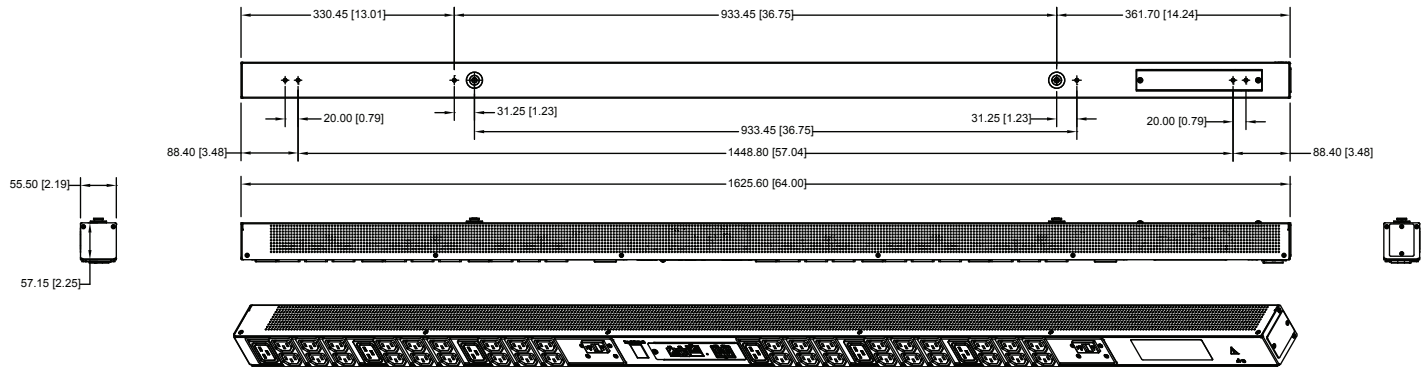
* Note: the bend of the angled cords is referenced with the ground pin at the top



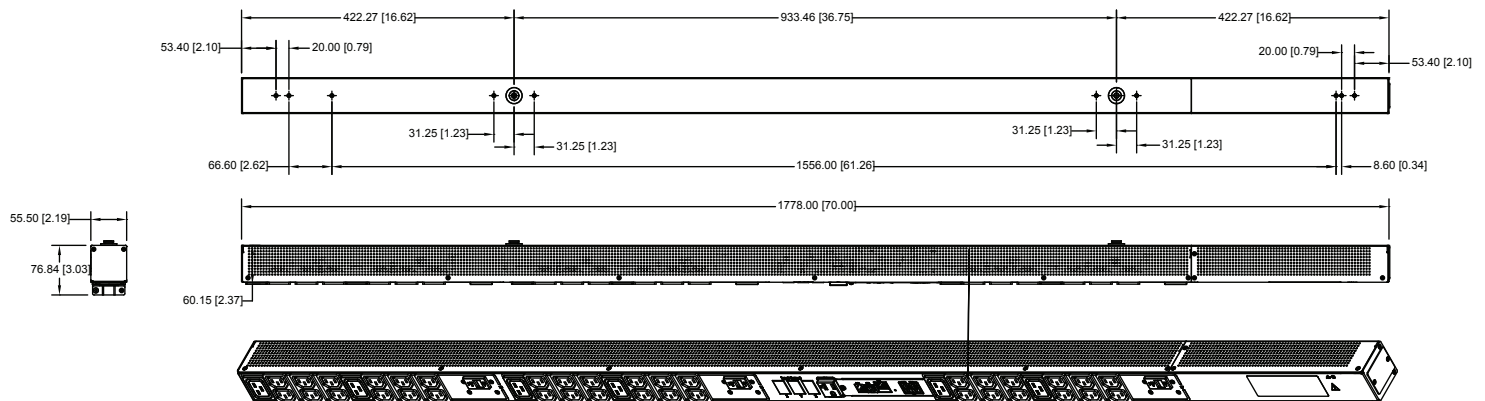
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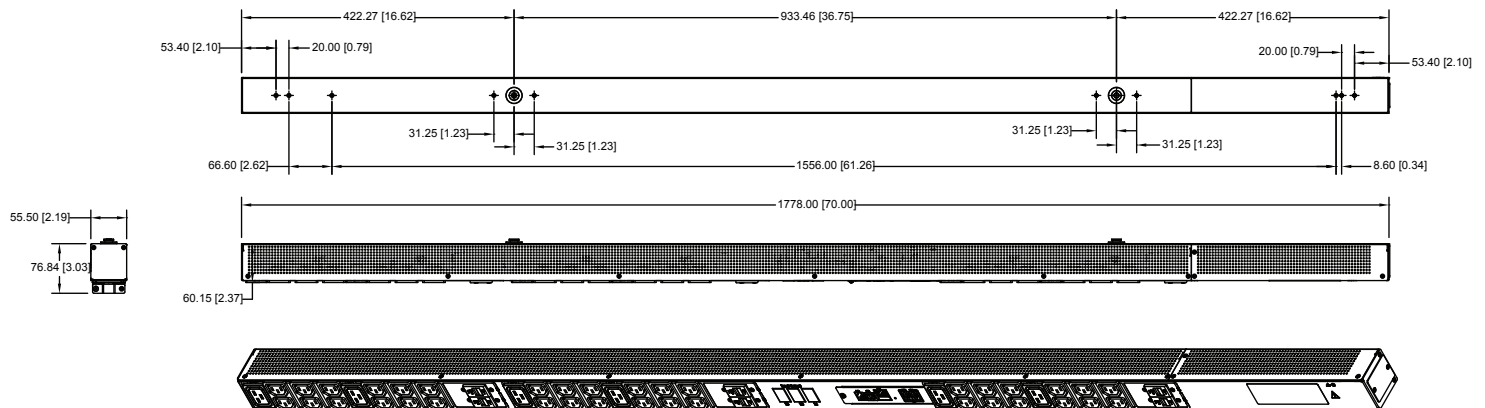
P[-]3201[]



P[-]3202[]



P[-]3203[]



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