Server Technology
Quality Rack Power Solutions

PDU Power Pivot™

CAN YOUR PDU PIVOT?

TRUE INNOVATION. ONLY FROM SERVER TECH.

You've never seen anything like this before. Introducing the PDU Power Pivot™, the newest patented innovation from Server Tech, inventors of the Intelligent PDU. The PDU Power Pivot's incredibly flexible design with a 90 degree rotatable power cord makes it the ultimate PDU for multiple racks and multiple facilities with overhead power or raised floor.

a 90 degree user rotatable power cord simplifies PDU mounting

Smart STV-3101C pictured above

Available in Basic, Metered, and Smart PDU models.

Basic - The Sentry Basic Cabinet (Power) Distribution Unit (CDU) product family provides a simple solution where reliable power distribution for equipment racks and other data center applications is needed.

Button Mounting | Locking Outlets | Branch Circuit Protection

Metered - The Sentry Metered CDU is an intelligent PDU with local LED input current monitoring, allowing network engineers to utilize the CDU's True RMS Power Monitor to precisely measure the current (in amps) that network devices are drawing on the power circuit. As new servers and devices are added to the power drop, immediately observe its impact on the cumulative current draw.

Button Mounting | Locking Outlets | Branch Circuit Protection | Autoflip Current Display

Smart - The Smart Cabinet Power Distribution Units (CDU) provide reliable power distribution combined with local and remote power monitoring and environmental monitoring via IP. Use the network interface to view power, temperature and humidity levels via Web browser, or receive SNMP–based alarms and email alerts when conditions exceed defined thresholds. Connect the Smart Expansion CDU (CL) to a Master unit (CS) for power monitoring of separate power circuits from a single IP address. Each Smart CDU supports two external temperature & humidity probes and reports conditions through the user interface without the need for additional IP addresses.

Button Mounting | Locking Outlets | Branch Circuit Protection | Autoflip Current Display

Network Monitoring | Per Inlet Power Sensing | Link to an expansion CDU | Temperature & Humidity Monitoring

Models

North America

Intelligence	Model Numbers	Voltage	Current	Input
Basic	STV-1001C	200-240V, 50/60 Hz	30 A	NEMA L6-30P, 10 ft (3 m) cord
	STV-1001G	100-120V, 200-240V AC, 50/60 Hz	20 A	Input cord ordered separately
Metered	STV-2001C	200-240V, 50/60 Hz	30 A	NEMA L6-30P, 10 ft (3 m) cord
	STV-2001B	200-240V, 50/60 Hz	20 A	NEMA L6-20P, 9 ft (2.74 m) cord
	STV-2001G	100-120V, 200-240V AC, 50/60 Hz	20 A	Input cord ordered separately
Smart	STV-3101C (Master) SEV-3101C (Expansion)	200-240V, 50/60 Hz	30 A	NEMA L6-30P, 10 ft (3 m) cord
	STV-3101B (Master) SEV-3101B (Expansion)	200-240V, 50/60 Hz	20 A	NEMA L6-20P, 9 ft (2.74 m) cord
	STV-3101G (Master) SEV-3101G (Expansion)	100-120V, 200-240V AC, 50/60 Hz	20 A	Input cord ordered separately

Global

Intelligence	Model Numbers	Voltage	Current	Input
Basic	STV-1001K	230V, 50/60 Hz	32 A	IEC 60309 2P+G, 6hr (blue), 3 m (10 ft) cord
	STV-1001G	230V, 50/60 Hz	16 A	Input cord ordered separately
Metered	STV-2001K	230V, 50/60 Hz	32 A	IEC 60309 2P+G, 6hr (blue), 3 m (10 ft) cord
	STV-2001J	230V, 50/60 Hz	16 A	IEC 60309 2P+G, 6hr (blue), 2.74 m (9 ft) cord
	STV-2001G	230V, 50/60 Hz	16 A	Input cord ordered separately
Smart	STV-3101K (Master) SEV-3101K (Expansion)	230V, 50/60 Hz	32 A	IEC 60309 2P+G, 6hr (blue), 3 m (10 ft) cord
	STV-3101J (Master) SEV-3101J (Expansion)	230V, 50/60 Hz	16 A	IEC 60309 2P+G, 6hr (blue), 2.74 m (9 ft) cord
	STV-3101G (Master) SEV-3101G (Expansion)	230V, 50/60 Hz	16 A	Input cord ordered separately

Input Power Cord Options for C20 Inlets

Part Name	Voltage	Description
PTCORD-L1	200 – 240 V AC	Locking IEC 60320/C19 - L6-20P (20A Twist-Lock) 10ft (3m), 12 AWG, cULus
PTCORD-L2	230 V AC	Locking IEC 60320/C19 - CEE 7/7 Schuko 10ft (3m), 1.50 mm(sq)
PTCORD-L3	230 V AC	Locking IEC 60320/C19 - Blue IEC 60309 "Commando" plug, 2P+E, 6 Hr. ground, 16A, 220-250V, IP20, 10ft (3.0m), 1.50 mm(sq)
PTCORD-L4	230 V AC	Locking IEC 60320/C19 - BS1363 13A (UK) 10ft (3m), 1.50 mm(sq)
PTCORD-L5	100 – 120 V AC	Locking IEC 60320/C19 - 5-15P (15A Straight-Blade) 10ft (3m), 14AWG, cULus approval
PTCORD-L6	100 – 120 V AC	Locking IEC 60320/C19 - 5-20P (20A Straight-Blade) 10ft (3m), 12 AWG, cULus approval
PTCORD-L7	100 – 120 V AC	Locking IEC 60320/C19 - L5-20P (20A Twist-Lock) 10ft (3m), 12 AWG, cULus approval

Specifications (Continued)

Smart S[ ]V-3101[ ]: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

Expansion PDU

- Link port (RJ-12)
- (2) temperature/humidity sensor inputs (RJ-11)

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

Warranty

- 2 years

Accessories

Description	Part Number
Temperature/Humidity Sensor	EMTH-1-1
Environmental Monitor Control Unit	EMCU-1-1B

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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Specifications

Input

• STV-2001[ ]: Digital True RMS input current
• S[ ]V-3101[ ]: PIPS® Monitoring Parameters: Input current (A), voltage (V), power (kW), apparent power (VA), power consumption (W-hr), crest factor, power factor (All products meet or exceed ANSI C12.1 for +/- 1% Billing Grade Accuracy as tested by UL)
• Power Pivot Flexible mounting power infeed

Output

Type: (24) IEC 60320/C13 and (6) IEC 60320/C19 High Retention Locking Receptacles
Voltage:

- STV-1001C; STV-2001[B, C]; S[ ]V-3101[B, C]: 200-240 V AC
- STV-1001K; STV-2001[J, K]; S[ ]V-3101[J, K]: 230 V AC
- STV-1001G; STV-2001G; S[ ]V-3101G: 100-120 V AC, 200-240 V AC, 230 VAC

Quickly and easily choose the angle that best fits your racks and drops

Display

STV-2001[ ] & S[ ]V-3101: (1) Input current LED, reversible Auto-flip Design

Branch Circuit Protection

• UL489 Compliant Circuit Breakers, Double-pole, single-throw, 20A
• 2 Branches with (12) IEC 60320/C13 & (3) IEC 60320/C19 Outlets

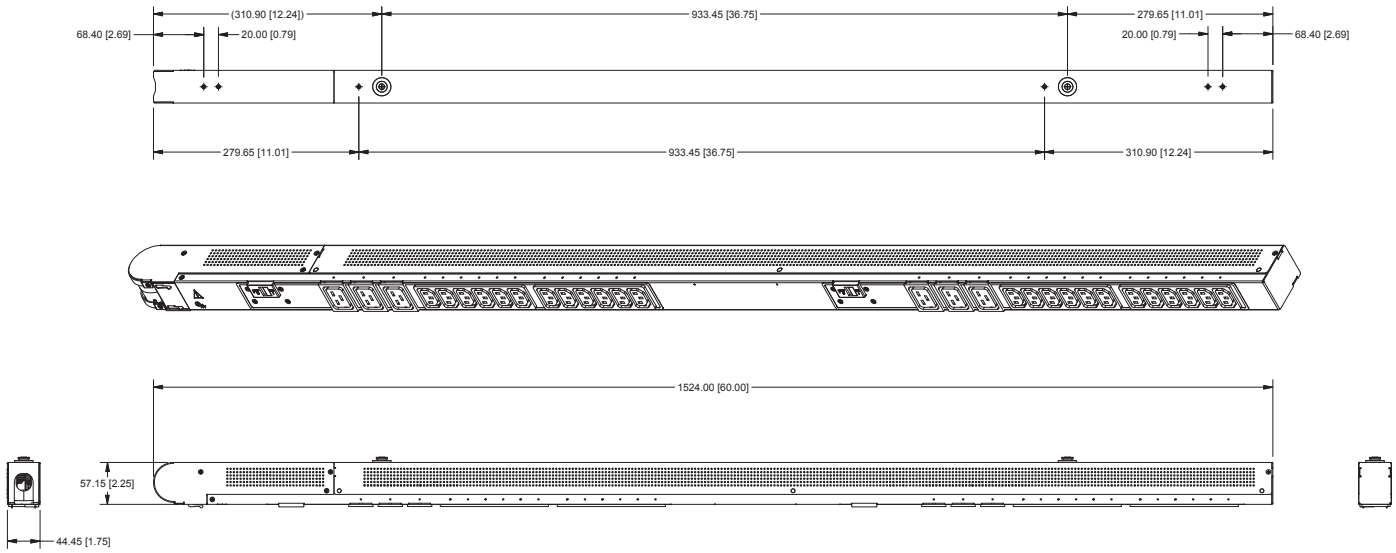
Dimensions and Weights

Model	Dimensions (LxWxD)	Shipping Dimensions (LxWxD)	Shipping Weight
STV-1001[ ]	60.0 x 1.75 x 2.25 in. (152 x 4.4 x 5.7 cm)	68 x 10 x 5 in. (172 x 26 x 13 cm)	16.5 lb. (7.5 kg)
STV-2001[ ]	60.0 x 1.75 x 2.25 in. (152 x 4.4 x 5.7 cm)	68 x 10 x 5 in. (172 x 26 x 13 cm)	16.5 lb. (7.5 kg)
S[ ]V-3101[ ]	60.0 x 1.75 x 2.25 in. (152 x 4.4 x 5.7 cm)	68 x 10 x 5 in. (172 x 26 x 13 cm)	17 lb. (7.7 kg)

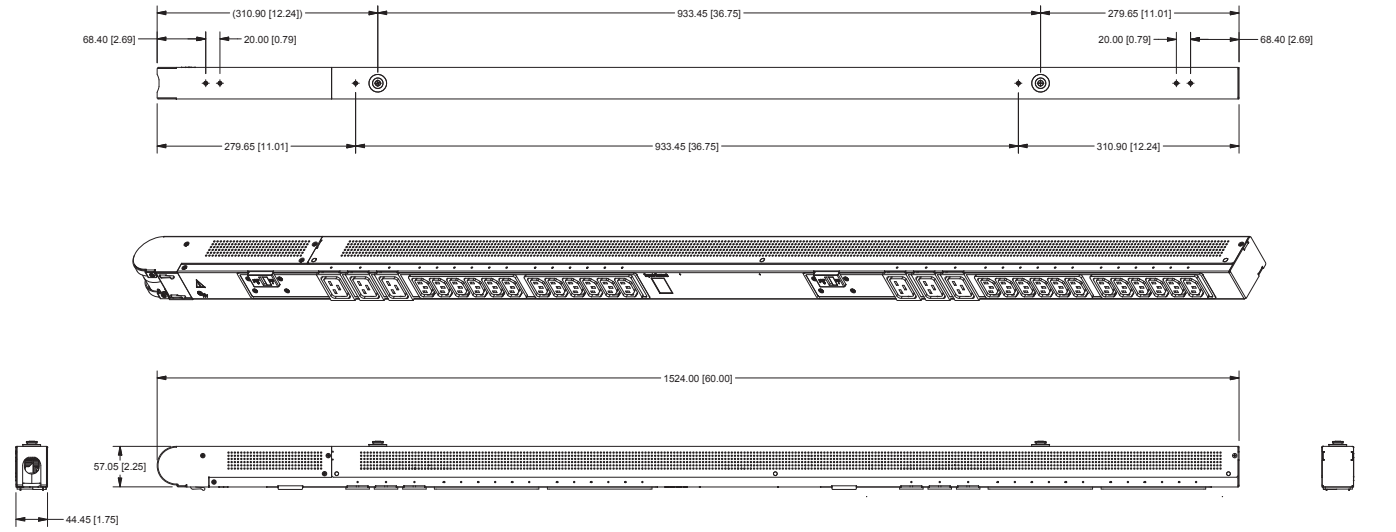
Environmental Requirements

	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

STV-1001[ ]



STV-2002[ ]



S[ ]V-3101[ ]