STV-2001B

The Server Technology® Metered PDU provides reliable power distribution with local LED input current monitoring, allowing IT personnel to determine safe levels of loading on a per-phase basis while installing equipment into the rack/cabinet.

Key Features

Auto-Flip Current Display
Easy-to-read LEDs display current per phase to help prevent overloads and simplify three-phase load balancing in high-density cabinets.

High Retention Locking Outlets
PRO2 receptacles have high retention and are compatible with P-Lock type power cords.

Power Pivot™
The 90-degree rotatable power cord allows for standardized deployment at any facility no matter where power must be routed.

Color-Coded Options
Select from six colors to designate PDU circuits in the data center — black, white, red, green, blue, and yellow.

Branch Circuit Protection
This PDU meets the UL and IEC 62368-1 requirement for branch circuit protection through UL 489 rated magnetic-hydraulic circuit breakers or UL 248 fuses.

High Temperature Rating
This product has been tested and approved for safe and reliable operation in 60 °C data center environments.

Flexible Mounting
Includes standard button mounts along with provisions for custom mounting brackets.

Inputs

Input Voltage (V):	208
Frequency	50/60 Hz
Input Plug:	NEMA L6-20P
Input Current (A):	20
Input Current Rated (A):	16
Input Power Capacity (kW):	3.3

Outputs

Connector	Rating
(24) x IEC 60320/C13	North American Rating: ≤ 12A @208V L-L (15A Peak)
(6) x IEC 60320/C19	North American Rating: ≤ 16A @208V L-L (20A Peak)

Outlet #1 opposite the power input

Branch Circuit Protection

UL 489, CSA C22.2 No. 5 & IEC/EN 60947-2 Compliant 2-pole, 20A trip circuit breakers, two (2) branch, rating: ≤ 16A, 5 kAIC Interrupt Rating

Physical

Dimensions: 60.0in tall x 1.75in wide x 2.25in deep [1524mm x 45mm x 58mm]

Environmental

Operating Environment: 32°F to 140°F / 0°C to 60°C | 8%RH to 90%RH non-condensing | 6,500ft/2km elevation
Storage Environment: -40°F to 185°F / -40°C to 85°C | 8%RH to 90%RH non-condensing | 50,000ft/15km elevation
Quiescent / Unloaded Power Draw: < 10W for all configurations

Communications & Security

Not Applicable

Certifications

North American:
Safety (Listed & Certified, cTUVus mark)
UL 62368-1
CSA C22.2 No. 62368-1

Measurement Accuracy

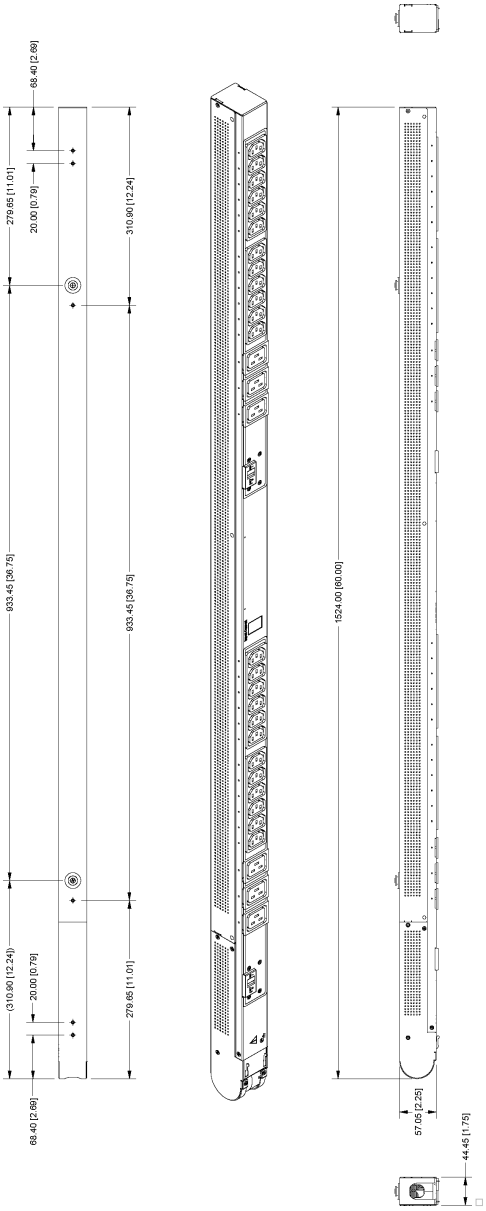
Input Measurement Accuracy:
LED Current = ± 10% at 0.1 amp (1.0 - 9.9 amps) and 1 amp (> 9.9 amps) resolution

Optional Accessories

Mounting Brackets
- Buttons (KIT-0020) included for tool-less mounting (see diagram)
- See the Mounting Bracket Guide for further suggestions
- Custom mounting options available. Contact your local Server Technology representative

Cable Retention Devices for non-locking cords
- EZip
- Cable Sleeve

Drawings


68.40 [2.69]
279.65 [11.01]
20.00 [0.79]
933.45 [36.75]
(310.90 [12.24])
20.00 [0.79]
68.40 [2.69]
310.90 [12.24]
933.45 [36.75]
279.65 [11.01]
1524.00 [60.00]
57.05 [2.25]
44.45 [1.75]

Additional Information

Warranty: Server Technology offers a standard 2-year limited parts & labor warranty. Extended support is available at the time of purchase. See the Support Options on the website, or contact your local Server Technology representative for more information.

Patents: Information on Server Technology patents is available on the website at: www.servertech.com/products/patents

"Global" models are typically for use in countries outside of North America. Contact your Server Technology representative for more information about which models are appropriate for your application.

Information in this document is current as of time of publishing. Contact your Server Technology representative for the most up-to-date information. This datasheet was generated on: 26-Apr-2024

Interested in learning more about how Server Technology can help you manage and distribute power in your datacenter?
Visit us online at: www.servertech.com/products/

To contact an expert in your region, go to www.servertech.com/about-us/office-locations for more information.

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