

STV-2001A

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. "Metered"



High Retention Locking Outlets

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.



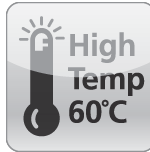
Color Identification

Choose from six colors to designate circuits for rack PDUs in the data center. Color options include Blue, Red, Green, White, Yellow, and Black.



Branch Circuit Protection

This PDU meets the UL and IEC 60950-1 requirement for branch circuit protection through use of UL489 rated magnetic-hydraulic circuit breakers or UL248 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 (contact Server Technology for details).

Inputs

Input Voltage (V):	208
Input Plug:	IEC C20 200-240V Inlet
Input Current (A):	20
Input Current Rated (A):	16
Input Power Capacity (kW):	3.3
<i>Requires PTCORD-L1, -L2, -L3, or -L4</i>	

Outputs

Connector	Rating
(24) x IEC 60320/C13	North American Rating: $\leq 12A$ @208V L-L (15A Peak) Global Rating: $\leq 10A$ @230V L-L
(6) x IEC 60320/C19	North American Rating: $\leq 16A$ @208V L-L (20A Peak) Global Rating: $\leq 16A$ @230V L-L

Branch Circuit Protection

UL489 Compliant 2-pole, 20A trip circuit breakers, two (2) branch, rating: $\leq 16A$, 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:

cTUVus Mark to UL 60950-1:2007 R10.14

CAN/CSA-C22.2 No. 60950-1-07+A1:2011+A2:2014

FCC Part 15 Subpart B Sections 15.107 and 15.109, Class A

Global:

TUV T-Mark to EN 60950-1:2006+A11+A1+A12+A2

EMC to EN55024 (2010) and EN55032 (2012)

CE Compliant

RoHS, European Hazardous Materials Directive (Recast) 2011/65/EU

WEEE Compliant

Measurement Accuracy

Input Measurement Accuracy:

LED Current = $\pm 10\%$ at 0.1 amp (1.0 - 9.9 amps) and 1 amp (> 9.9 amps) resolution

Optional Accessories

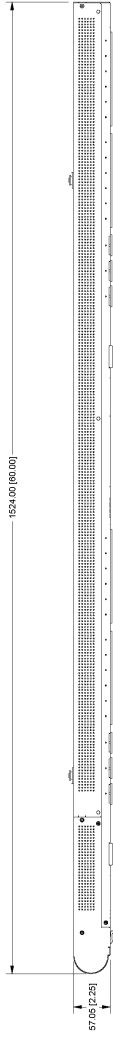
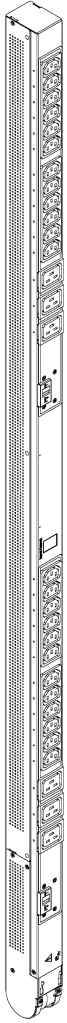
Mounting Brackets

- 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



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

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³ "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.

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Interested in learning more about how Server Technology can help you manage and distribute power in your datacenter?

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