PRO3X RACK PDUs

STAY POWERED AND ENSURE UPTIME

For any device processing a workload, it needs power and a way to minimize interruptions that cause costly downtime. Server Technology's PRO3X rack power distribution units (PDUs) are designed to keep you informed of any interruption to your power infrastructure such as unexpected outages, unplanned configuration changes, and security threats. PRO3X rack PDUs provide maximum visibility into your power chain, elevating rack PDUs to a new level of performance.

No matter what your data center power needs are—from our innovative 2-in-1 HDOT® Cx outlets with alternating branch technology, to our feature-rich Switched POPS® PDU, to our Basic PDU—Server Technology's PRO3X has your rack power distribution needs covered.

Best of Both Worlds

The PRO3X brings together the best features and functionality from Legrand's Server Technology and Raritan® power distribution solutions into one intelligent PDU without sacrificing the quality, functionality, or uptime that customers come to expect from Server Technology.

FEATURES

- Universal HDOT/HDOT Cx 2-outlets-in-1 design standardizes a single PDU for multiple applications due to its ability to function as a C13 or C19 outlet

- RamLock outlet retention mechanism secures the broadest range of C14 and C20 plugs in place

- Alternating branch technology helps with clean cable management to improve airflow and ease three-phase load balancing

- PDU Linking allows access via a single primary PDU and up to 7 linked PDUs through a single IP address

- Grouping outlets between PDUs ensures that outlets turn on/off and reboot in a synchronized manner to maximize your uptime

- Multi-color LCD display provides a local indication of power usage, alerts, and alarms

- The embedded Xerus™ Technology Platform delivers security, high compute power, advanced alerting, intelligence, and complete visibility into your power chain
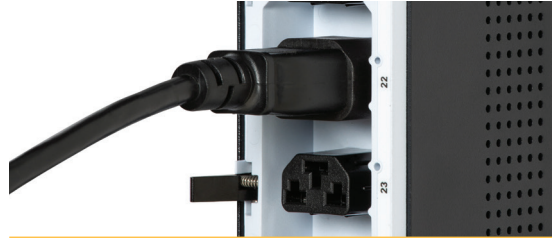
designed to be better.

INDUSTRY-LEADING INNOVATION

Our focus on PDU innovation has allowed us to work with the best cloud and colocation providers, forward thinking labs, and telecommunication operations. Because power is all we do, we will continue to optimize rack power distribution and bring industry-leading innovation to our customers. Here are just a few innovative ways we elevated the performance, reliability, and accessibility of PRO3X rack PDUs.

Keep Ahead of Outlet Requirements & Changes with HDOT Cx Outlets

Bring outlet flexibility to your PDU with Cx Outlets—a UL tested hybrid of C13 and C19 outlets accommodating both C14 and C20 plugs within a single Cx outlet.

Secure Power Cords with RamLock Outlets

RamLock is a lightweight, high strength mechanical locking mechanism built to secure the broadest range of C14 and C20 plugs in place. Its lever design eases unplugging with a simple one-handed "squeeze and pull" action.

Gain Complete Visibility into Your Power Chain

Xerus is a technology platform that is a combination of hardware and software technologies embedded into PRO3X rack PDUs. It is comprised of a state-of-the-art network interface module, pushbutton enabled multi-color LCD display, open source firmware, and a plethora of interface ports all on a hot-swappable card. Xerus helps to maximize data center efficiency by delivering security, high compute power, advanced alerting, intelligence, and complete visibility into your power chain.

Network Connections
- Dual GbE Networking
- Linking, Cascading, Port Forwarding

USB A
- Wireless LAN Adapter
- iOS Portable Device for PDView App
- Linking, Cascading, Port Forwarding
- Flash Drive Bulk Configuration

Redundant Power
- From First Link Unit

Sensor Port
- Connect and manage Temperature, Humidity, Contact Closure, Door Lock, Differential Air Pressure, Airflow, Proximity/Motion, Water/Leak, and Vibration Sensors

USB B
- Android Portable Device for PDView App
- Linking, Cascading, Port Forwarding

Serial Port

PRO3X Controller
Powered by the Xerus Technology Platform

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PRO3X EQUIPMENT VIEW

Branch Current Monitoring

Monitors current at each breaker branch and provides SNMP-based alerts and emails about high usage that risks a tripped circuit.

RamLock Locking Outlets

A mechanical locking mechanism built to secure the broadest range of C14 and C20 plugs in place.

USB Configuration

A quick and easy solution for PDU configuration and setup.

Network Monitoring

Gain access to valuable data through connections including HTTP(S), SSH, Telnet, SNMP, (S)FTP, SMTP, Syslog, LDAP(S), RS-232 serial, and more.

Color Coded

Select from six color options to designate PDU circuits—black, white, red, green, blue, and yellow coloring available.

Branch Circuit Protection

This PDU meets the UL and IEC 62368-1 requirements for branch circuit protection through the use of UL 489 rated magnetic-hydraulic circuit breakers.

Alternating Branch Technology

Helps with clean cable management to improve airflow and ease three-phase load balancing.

PIPS®
(Per Inlet Power Sensing)

Monitor Current Load, Voltage, Power, Apparent Power, Crest Factor, Power Factor, and Energy per inlet.

HDOT (High Density Outlet Technology)

The highest outlet density available in a network connected PDU. Meets IEC C13 and C19 specifications, plus high native retention and UL94V-0 flame rating.

HDOT Cx Outlets

Cx is the future-ready UL tested hybrid of a C13 and C19 outlet accommodating both C14 and C20 plugs.

Environmental Monitoring

Support up to 12 daisy chained DX2-series SmartSensors, each with the ability to send SNMP-based alerts and email notifications.

Linking

Linking allows access via a single primary PDU and up to 7 linked PDUs through a single IP address for more efficient power management.

Multi-Color LCD Display

Easy-to-read LCD display provides a local indication of power usage, alerts, and alarms.

Outlet Control

Cycle power to individual outlets or groups of outlets to reboot servers or power off unused receptacles.

High-Temperature Rating

This product has been tested and approved for safe and reliable operation in 60°C (140°F) environments.

POPS
(Per Outlet Power Sensing)

Monitor Current Load, Voltage, Power, Apparent Power, Crest Factor, Power Factor, and Energy usage per outlet.

Flexible Mounting

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

designed to be better.

MORE BENEFITS FROM A SINGLE SOLUTION

At Server Technology, we understand that power needs vary from customer to customer. We will help you find the right PDU for your specific application, whether it be a cataloged model, a built-to-order model, or by engineering a custom PDU designed to your specific needs.

Range of Options

- 100V, 120V, 200V, 208V, 230V, 240V, 400V, and 415V Inputs
- Single-Phase and Three-Phase Power
- 12A to 60A Input
- Zero U Form Factor
- 36 Outlets (18 HDOT C13 and 18 HDOT Cx Outlets)
- Mixed Voltage Configurations

Security Protocols

- Configurable Strong Passwords
- User and User Group Permissions
- Active Directory®, LDAP, LDAP/S
- Up to 256-bit AES Encryption
- SSH, SSL, and HTTPS

Outlet Controls

- Power-on Sequencing with Customizable Delays
- PDU Linking and Outlet Grouping Across Multiple PDUs
- PDU-based Load Shedding
- Last Known State Power-On
- Remote Outlet and Outlet Group On/Off

Power Metering

- Individual Outlet, PDU, and Line
- Branch Circuit
- Circuit Breaker Status
- Current (A)
- Voltage (V)
- Power (W, VA)
- Power Factor (PF)
- Energy Usage (kWh)

Network Protocols

- Dual 10/100/1000 Base T Ethernet
- USB-A, USB-B
- Wi-Fi, 802.11 a/b/g/n
- GSM Text, Email, Syslog
- SNMPv2c, SNMPv3
- SNMP TRAPs and INFORMs
- IPv6/IPv4 Support
- JSON-RPC, Modbus TCP
- Web Browser (HTTP, HTTPS)
- SSH Command Line Interface

PRO3X PDU Families	Switched POPS PDUs	Switched PDUs	Smart PDUs	Basic PDUs
Branch Circuit Protection	✔	✔	✔	✔
Alternating Branch Technology	✔	✔	✔	✔
Input Current Monitoring	✔	✔	✔	
Environmental Monitoring	✔	✔	✔	
Access, Security & Communications	✔	✔	✔	
PDU Linking & Outlet Grouping	✔	✔	✔	
Individual Outlet Control	✔	✔		
Per Outlet Power Monitoring	✔			

Other Server Technology PDU families not available in the PRO3X-line include: Smart POPS and Metered PDUs.
Go to **ServerTech.com/Product-Selector** for more information.

ServerTech.com/PRO3X

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