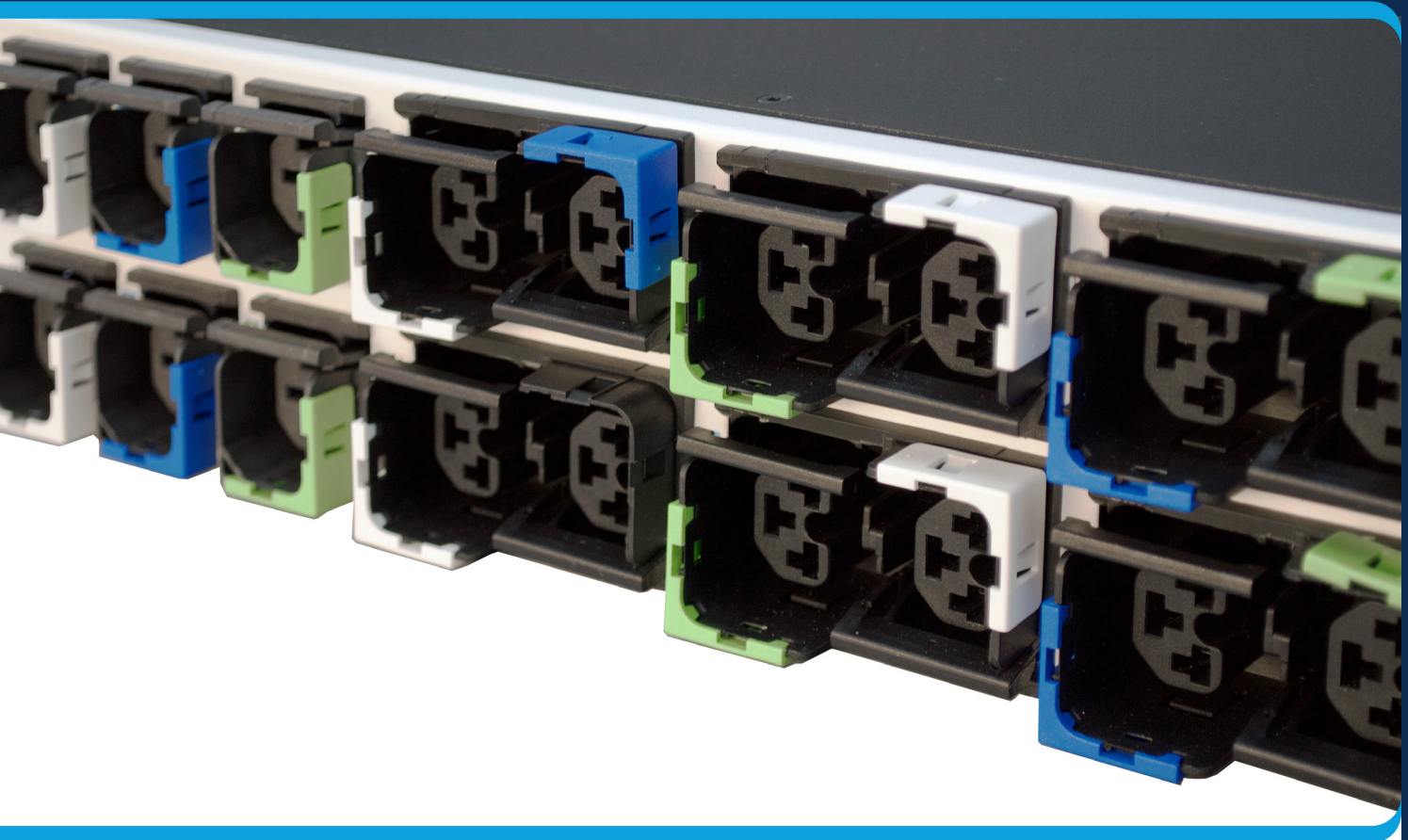




CHATSWORTH
PRODUCTS

Effective Rack Power Distribution for Highly Efficient Data Center Operation by CPI



Chatsworth Products Intelligent eConnect® Power Distribution Units

As data centers deploy artificial intelligence (AI) and GPU based servers, the average rack power density is rising. Now, more than ever, solution providers must look to a power management vendor who can offer a wide breadth of effective power management solutions that enable them to achieve the highest levels of efficiency, availability and manageability, while also enhancing security. Chatsworth Products' (CPI) intelligent eConnect® Power Distribution Units (PDUs), with configurations supporting up to 100A inputs, provide the comprehensive power management needed to meet these increasing demands.

chatsworth.com/pdu

Make the Switch to Intelligent Power

Increase Efficiency

Know Equipment Utilization

Monitoring of voltage, power and current down to the outlet level provides visibility into the quantity of power consumption for each piece of IT equipment, enabling power chargeback reports and allowing you to take concrete steps toward carbon footprint reduction.

Minimize Power Consumption

Bi-stable latching relays recycle power to outlets, helping to maintain PDU efficiency levels. They allow outlets to maintain state after a power event, while ensuring basic power distribution to an outlet does not get compromised.

Reduce Networking Costs

Pre-installation in CPI ZetaFrame cabinets provides a no-surprise solution that is ready to roll into the data center. Eliminating separate packaging for PDUs also supports sustainability goals.

Ensure Availability

Maximize Operations in High Temperatures

Market-leading temperature rating of up to 149°F (65°C) ensures reliability when mounted toward hot aisles.

Prevent Accidental Disconnections

Low-profile locking outlets prevent accidental disconnections without requiring special cords. Color-coded outlet tabs simplify the association of outlets with their corresponding branch circuit breakers.

Simplify Load Balancing

Phase-balance outlets on three-phase models ensure equal loading across all phases and allows the use of shorter equipment power cords for easier airflow management.

Streamline Serviceability

The field-replaceable controller can be easily replaced while the loads continue to be powered up. A removeable SD card allows all PDU configurations to be transferred to the new controller.

Unmatched Outlet Flexibility

QuadLock outlet configurations offer a unique solution, supporting four outlet types (C13, C15, C19, and C21) with integrated locking mechanisms, and provide flexibility with IT equipment deployment.

Enhance Security and Regulatory Compliance

Simplify Cabinet-Level Security

Patented technology seamlessly integrates PDU, environmental sensors and electronic locks into a single hardware and software solution.

Establish Enterprise Authentication and Secure Communication

LDAP and RADIUS compatibility ensures integration into enterprise authentication protocols most commonly used by IT groups.

Comply with Latest Standards

Gigabit Ethernet capability ensures compatibility with enterprise routers and switches, and IPv6 compatibility ensures support in large networks. In addition, eConnect PDUs meet UL/IEC 62368, the latest standard for ICT equipment.





NEW High-Power Configurations, QuadLock Options, and Universal Input

Unmatched Power Density for AI Workloads

With up to 57.5kW per PDU, the new high-power eConnect® PDU configurations are built to handle the extreme demands of AI and GPU-based applications and liquid cooled environments, ensuring seamless operation even in the most power-intensive environments.

Simplified Management and Flexibility

Featuring color-coded outlets for easy balancing and troubleshooting, as well as 30A branch circuit breakers, these PDUs provide both convenience and flexibility for powering high-demand IT equipment while maintaining a standard form factor.

Custom Configurations for Maximum Efficiency

Available in 208V/100A, 415V/60A, and 415V/100A, these high-power PDUs come in various models (Basic, Metered, Monitored, Monitored Pro, and Switched Pro) to fit your specific needs. They can also be pre-installed in CPI cabinets, streamlining deployment and boosting data center sustainability efforts.

Universal Input for Global Compatibility

With a single PDU design featuring detachable input cords, Universal Input supports global AC power standards—streamlining procurement, reducing inventory complexity, and accelerating deployment. This innovation ensures consistent, reliable high-power performance across worldwide data centers.

Take Advantage of Quick Lead Times

With over 1,500 standard configurations manufactured in the USA and operations optimized for customization, we provide solutions that meet your project timelines.

Easily Identify Your PDU or A/B Feeds

Simplify identification of the failover unit with CPI's unprecedented Redundancy Pack, which includes two PDUs—one Black and one Glacier White—to ensure easy identification of the primary and secondary unit—all under one standard part number for easy ordering.



Get questions answered by one of CPI's friendly and knowledgeable Technical Support specialists. No matter what the nature of your request, CPI is ready to assist you.

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PDU Model and Functionality

eConnect Model	Basic Power Distribution	Inlet Metering	Branch Circuit Metering	Remote Access	Access Control	Outlet Metering	Switched Outlets	Up to 100A Configurations	QuadLocks	Universal Input
Basic	✓							✓	✓	✓
Metered	✓	✓						✓	✓	✓
Monitored	✓	✓	✓	✓	✓			✓	✓	✓
Monitored Pro	✓	✓	✓	✓	✓	✓		✓	✓	✓
Switched	✓	✓	✓	✓	✓		✓	✓*	✓*	
Switched Pro	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

*Available as custom configurations.

CPI's intelligent eConnect PDUs

Available in over 1,500 standard configurations—provide users with a variety of high-performance, customizable features that can help solve application needs from large to small, low to high density and in all environments.

No other PDU offers the application versatility of CPI's eConnect PDUs. Designed to simplify deployment, installation and service, eConnect PDUs have helped to power and protect ICT equipment in countless applications and sites thanks to CPI's decades of expertise in power management solutions.

Need even greater application flexibility?

CPI also offers eConnect PDUs in 1U configurations with up to 12 outlets, and 2U configurations with up to 24 outlets. Horizontal PDUs are ideal for networking and edge applications, as well as within data centers where cabinet depth limits the space for vertical PDU installation. Horizontal PDUs feature all of the innovative capabilities of CPI's vertical eConnect PDUs, including 19-inch EIA mounting brackets for easy installation.



PDU selection made easy.

PDU selection is made easy with CPI's Power Selector, a free and easy-to-use online software available on selectapdu.com. The Power Selector enables you to select the best power product for your application by narrowing down options based on your requirements. After you're done comparing, you can email or print the results. Visit selectapdu.com to access the Power Selector.



Take the next step to effective, efficient power distribution.

To learn more about how CPI power management solutions provide unmatched innovation, technology and effective power distribution, and how CPI can help meet your availability and efficiency goals, contact your local sales representative. Visit chatsworth.com/power.



CHATSWORTH PRODUCTS

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