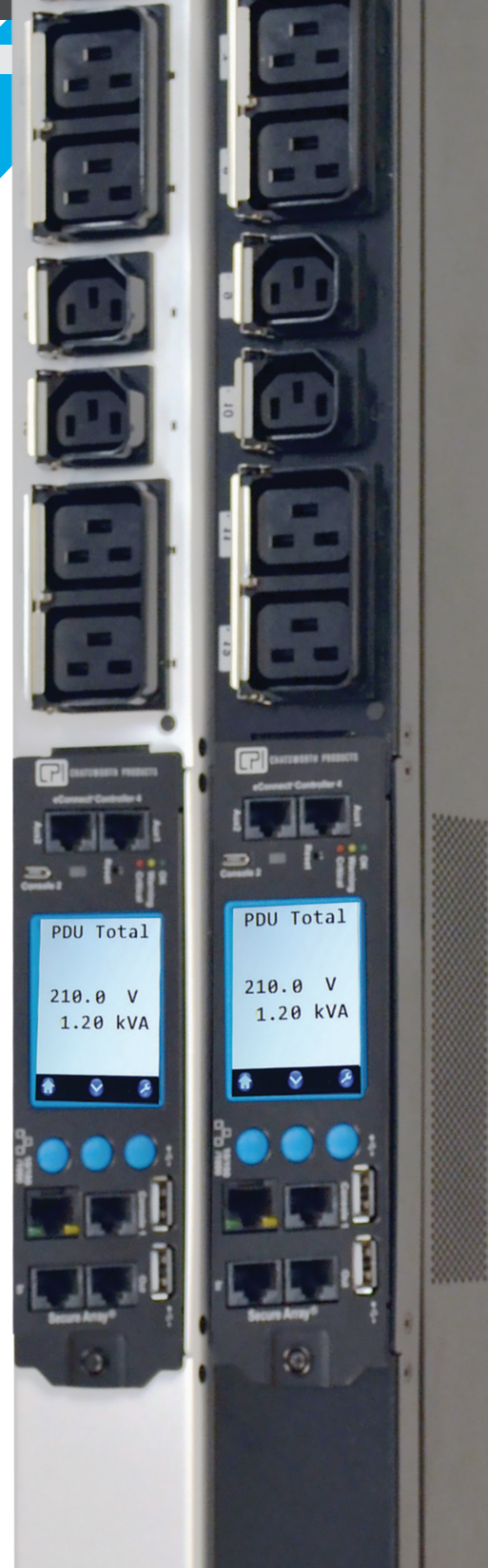# Chatsworth Products Intelligent eConnect® Power Distribution Units

Effective Rack Power Distribution for Highly Efficient Data Center Operation

Protecting your technology investment.

CHATSWORTH PRODUCTS

Make the Switch to Intelligent Power

As data centers deploy virtualization and consolidate equipment for more efficient computing, 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) are the answer.

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.
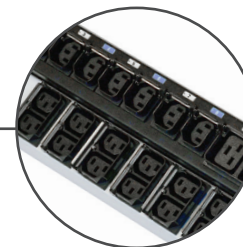
Improve Billing Accuracy

Get kilowatt (kW) readings with +/-1% accuracy and ensure service providers can bill customers based on their actual energy usage.

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.

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.

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.

Ensure Overcurrent Protection

eConnect PDUs utilize 100% rated UL® 489 listed slim-profile hydraulic magnetic breakers that minimize nuisance tripping due to temperature variations and minor overloads.

Streamline Serviceability

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

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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.

Improve Time to Deployment

Reduce Networking Costs and Complexity
With the use of Secure Array® IP Consolidation, you can link up to 48 devices under a single IP address using standard Ethernet cables, reducing networking costs up to 90%. Determine how much you can save by using the eConnect Secure Array Savings Estimator. Visit: chatsworth.com/estimator-page
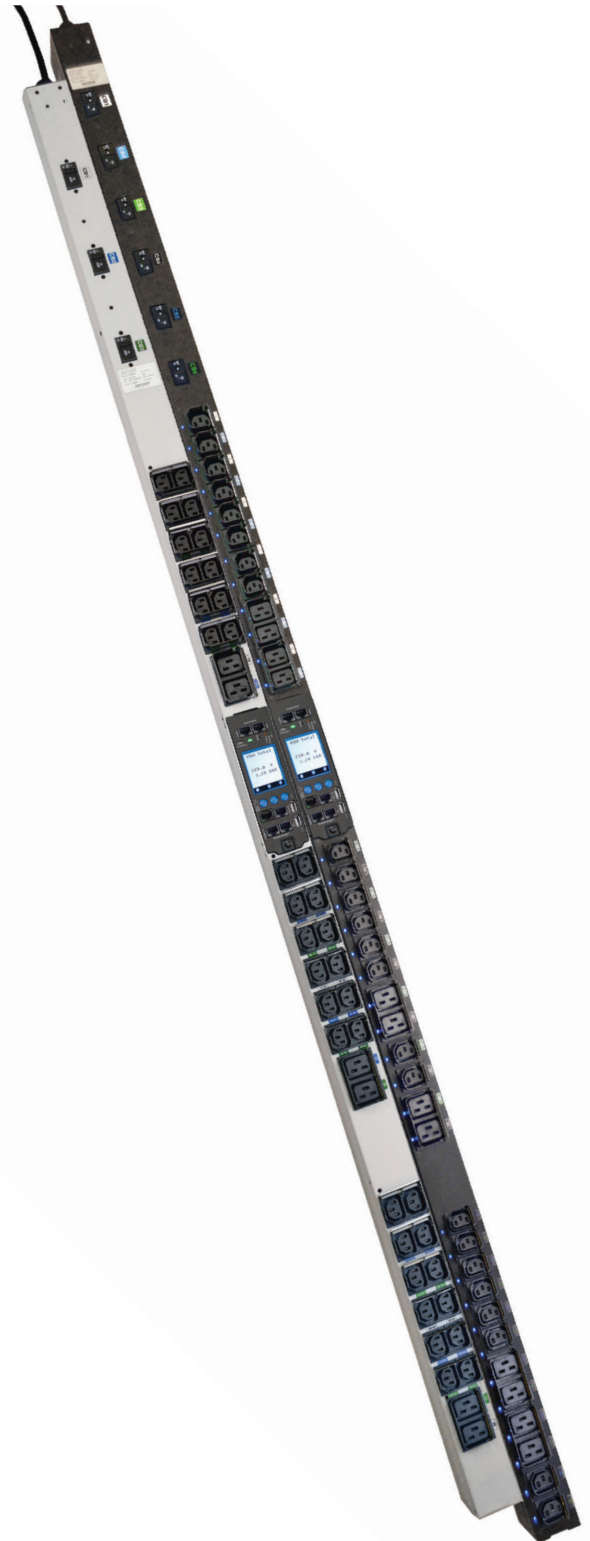
Take Advantage of Quick Lead Times
PDUs are manufactured in the United States and can be shipped separately or preinstalled in CPI cabinets all over the world with a lead-time of 10 business days.

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.

+power

Visit chatsworth.com/power for more information.

techsupport@chatsworth.com

CPI's intelligent eConnect PDUs—available in over 600 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.

PDU Model and Functionality

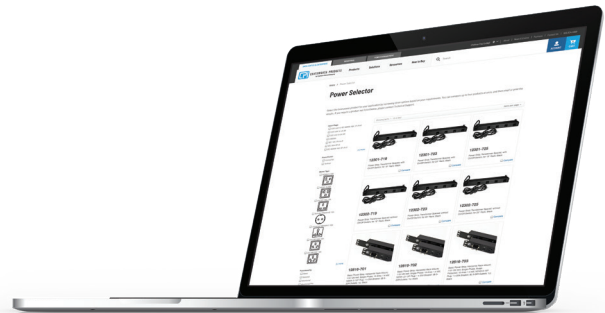| eConnect Model	Basic Power Distribution	Inlet Metering	Branch Circuit Metering	Remote Access	Access Control	Outlet Metering	Switched Outlets
Basic	✓						
Metered	✓	✓					
Monitored	✓	✓	✓	✓	✓		
Monitored Pro	✓	✓	✓	✓	✓	✓	
Switched	✓	✓	✓	✓	✓		✓
Switched Pro	✓	✓	✓	✓	✓	✓	✓

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.
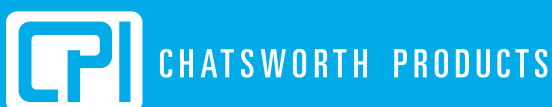
PDU selection made easy

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 for more information.

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