

Product overview

Eaton rack power distribution overview

Effectively distribute power to your critical equipment

EATON
ePDU[®]

EATON

Powering Business Worldwide



Eaton ePDU overview

Eaton's rack mounted power distribution units, called ePDUs, provide power to IT equipment within a rack and include a variety of features designed to save time, save money and reduce risk. Eaton offers a tiered portfolio of ePDUs with capabilities ranging from basic power distribution to advanced power management and precision control, which allows you to choose the right solution for your specific IT needs.

Which ePDU technology is right for me?

Basic



Reliable, no-frills, cost-effective power distribution solution providing branch circuit protection for all connected equipment in your rack. Slim form factor and pre-installed mounting buttons ease set up.

Metered Input



Remote monitoring capabilities provide access to your power data whenever you want it, wherever you are. Monitor your critical equipment from each color-coded outlet section from a single interface.

Metered Outlet

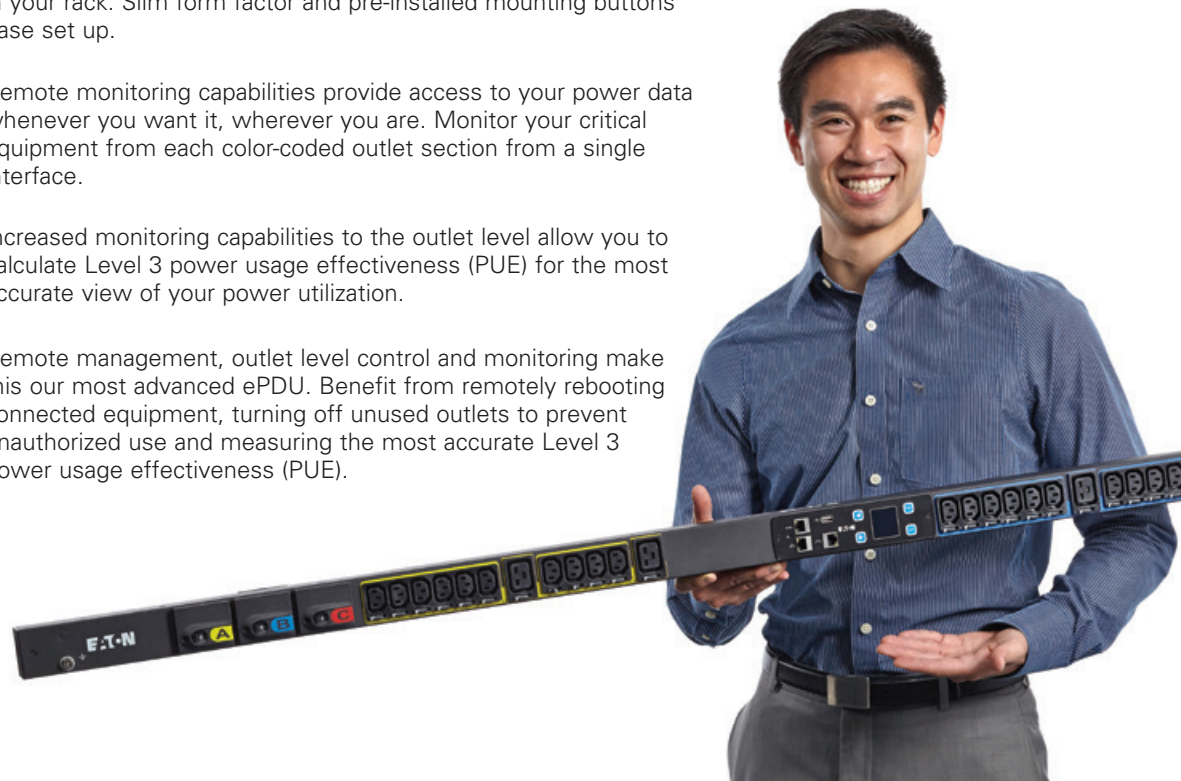


Increased monitoring capabilities to the outlet level allow you to calculate Level 3 power usage effectiveness (PUE) for the most accurate view of your power utilization.

Managed



Remote management, outlet level control and monitoring make this our most advanced ePDU. Benefit from remotely rebooting connected equipment, turning off unused outlets to prevent unauthorized use and measuring the most accurate Level 3 power usage effectiveness (PUE).



Additional rack mounted power distribution solutions



FlexPDUs

Entry-level rack PDU that provides flexible output receptacle options from a single UPS. A short three-foot input cord enables easy rack mounting close to the UPS.



HotSwap Maintenance Bypass PDU

Ideal for maintenance and UPS replacement, the HotSwap Maintenance Bypass PDU enhances availability by facilitating UPS replacement without shutting down connected equipment.

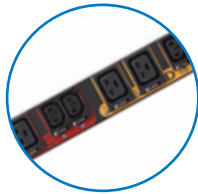


Automatic Transfer Switches (ATS)

Generally used to provide power redundancy to equipment with a single power supply, the ATS automatically transfers power from the primary source to a secondary source with no interruption.

Eaton Advantage

Eaton ePDUs are distinguished for their quality, dependability and versatility. Eaton ePDUs provide best-in-class power distribution, multiple technology options, an arrangement of outlets for every region, and the ability to manufacture custom ePDUs.



Prevent unbalanced loading that would unnecessarily trip a breaker.



Pre-installed mounting buttons reduce installation time.



Daisy chain up to eight ePDUs to share same network connection and IP address.



Secure plugs in place with a lever-actuated grip to prevent accidental disconnect.



Increase uptime while enhancing serviceability with ability to remove network management module without removing power to the ePDU.

Increasing level of control

Feature (Value)	Basic	Metered*	Managed
Integrated IEC outlet grips <i>(Easily secure plugs to prevent accidental disconnect)</i>	•	•	•
Low-profile form factor <i>(Provide zero interference into the rail space)</i>	•	•	•
High 140°F (60°C) operating temperature <i>(reduce cooling costs and maintain full functionality)</i>	•	•	•
Color-coded outlet sections <i>(Simplify load balancing)</i>	•	•	•
Ease of installation <i>(Quick, easy and flexible for most environments)</i>	•	•	•
One percent billing grade accuracy <i>(Optimize power utilization)</i>		•	•
Advanced LCD pixel display <i>(Allow for easy IP setup and troubleshooting)</i>		•	•
Daisy chain (share network connection/IP address) <i>(Reduce network infrastructure costs by 87.5%)</i>		•	•
Hot-swap meter <i>(Remove meter without disruption)</i>		•	•
Phase and section metering <i>(Control power utilization)</i>		•	•
Measure power consumption at outlet level <i>(Acquire precise data to make informed decisions)</i>		Metered outlet only	•
Measure level 3 power usage effectiveness (PUE) <i>(Transform billing into revenue or utility discounts)</i>		Metered outlet only	•
Outlet switching <i>(Remote on, off and reboot saves time and costs)</i>			•
Turn off unused outlets <i>(Control unauthorized use)</i>			•
Remote site management <i>(Save time from on-site visits)</i>			•
Group reboot for A and B feed <i>(Save time by controlling grouped power supplies)</i>			•
*Includes Metered Input and Metered Outlet models	Good	Better	Best

Find the right ePDU for your IT needs with our rack PDU selector, Eaton.com/ePDU
Interact with our ePDUs and find other useful tools, Eaton.com/ePDUg3

Complete power solutions

Whether your IT environment is large or small or you manage equipment remotely or locally, Eaton ePDUs are a necessary tool for distributing power to your critical equipment.

However, for a complete solution you need a way to organize, protect and manage your IT environment. Eaton offers racks, enclosures and power management software to provide a complete power solution that integrates seamlessly with our ePDUs.



Network closet



Server room



Data center

Stay organized with Eaton racks and enclosures

With a low-profile form factor and pre-installed mounting buttons, Eaton ePDUs provide flexible mounting options into an Eaton 2-post or 4-post rack or S-Series enclosure and will have you up and running in minutes. This “plug and play” approach helps quickly organize your equipment keeping it safe and secure.

Learn more on Eaton S-Series enclosures at Eaton.com/S-Series



S-Series enclosures

Manage network-connected power devices



Eaton network-connected ePDUs allow you to view and manage your equipment remotely instead of being physically present in your server room or data center. For smaller environments, you can utilize the built-in web server and email alert capability to connect using a standard web browser.

For a more sophisticated approach, Eaton's Intelligent Power Manager (IPM) software seamlessly integrates with our ePDUs, giving you the tools you need to monitor and manage the power in your physical or virtual environment. IPM is fully compatible with the most popular management platforms in the industry, including VMware, Microsoft and Citrix.

Download and learn more today at Eaton.com/IntelligentPower.

For more information about Eaton ePDUs,
visit: Eaton.com/ePDU