

Eaton ePDU range

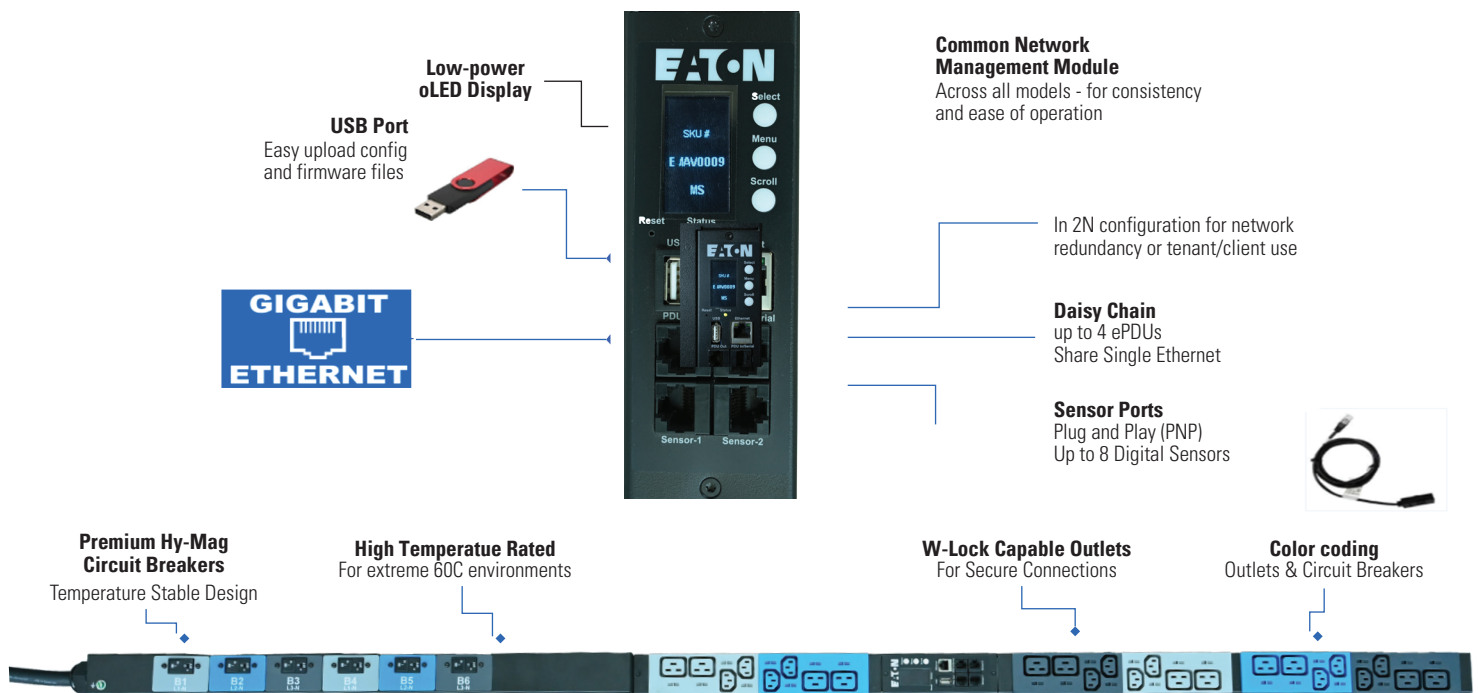
Eaton ePDU Solution



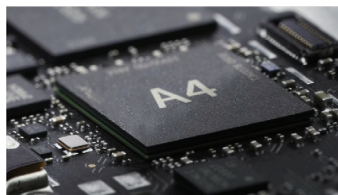
EATON

Powering Business Worldwide

ADVANCED NETWORK MANAGEMENT CONTROLLER (NMC)

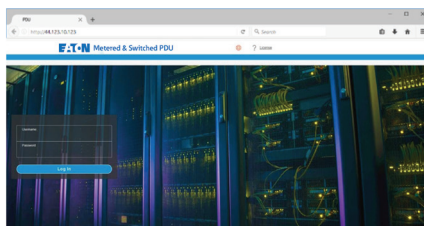


CORTEX - M4 CHIP



256KB RAM, 2MB FLASH

REMOTE CONNECTIVITY



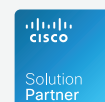
ADVANCED WEB PLATFORM



Data Efficient & Native Mobile Device Support

SOFTWARE INTEGRATION

EASY INTEGRATION WITH MOST DCIM SOFTWARE



Eaton ePDU Innovative functions



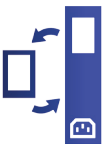
High Accuracy Metering

(V, A, VA, W, kWh, pf)
Billing - grade accuracy



Advanced Networking

For future proofing



Hot-Swap NMC

For maximum availability
and future upgrades



Environmental Monitoring

With plug and play support
for up to 3 digital sensors

Ultralow Profile Design

For easy equipment access



IP Cascading

Manage up to 04 ePDUs
through a single IP address



Color Coded Outlets by Circuit Breaker

Visual phase and load bank
identification for reduced
human error



Best-In-Class Warranty

For investment protection



OUTLET COLOR CODE

1 phase 1 breaker/without break - Light Gray



1 phase 2 breaker - Light Gray/ Blue/ Light Gray/Blue

1 phase 4 breaker - Light Gray/ Blue



3 phase 3 breaker - Light Gray/ Blue/Dark Gray

3 phase 6 breaker - Light Gray/ Blue/Dark Gray/ Light Gray/ Blue



ePDU's are delivered with Color Outlet Combination for user identification + For Phase Identification

LOCKING POWER CORDS

Eaton ePDU way locking IEC power cords provide protection against accidental power loss of your attached IT equipment when used with any Eaton ePDU. A small tab fits into the IEC C13 or C19 outlet of any Eaton ePDU providing an error-proof locking mechanism.

Available in a wide variety of plug types, lengths, and colors.



ENVIRONMENTAL & SECURITY MANAGEMENT

Eaton ePDUs can directly connect and manage up to 3 plug-and-play environmental and Security management devices.



Temperature Sensor



Humidity Sensor

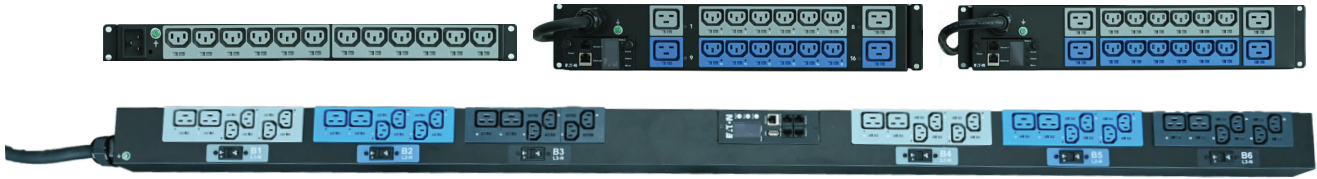


Door Open/ Close Sensor

Rating of IEC Input plugs

Input Voltage	IEC 60309 Plug Style	Amperage	Configuration	IEC60309 Plug	Maximum Power Rating (kVA) Volts x Amps = Watts or volt-amps {VA}
230V 1-phase		16A	3 wires	316P6	$230V \times 16A = 3,680 \text{ Watts}$ 3.68 kW
		32A	3 wires	332PG	$230V \times 32A = 7,360 \text{ Watts}$ 7.36 kW
400V 3-phase		16A	5 wires	516PG	$400V \times 16A \times \text{Sqrt}(3) = 11,085 \text{ Watts}$ ~ 11 kW
		32A	5 wires	532P6	$400V \times 32A \times \text{Sqrt}(3) = 22,170 \text{ Watts}$ ~ 22 kW

ePDU key features & technical specifications



		Basic ePDU	Metred ePDU	Switched ePDU
Basic Features	Outlets with dual built-in security mechanism eGrip & P-Lock	✓	✓	✓
	Colour-coded outlet and branch circuits for simple load balancing	✓	✓	✓
	60°C Operating temperature	✓	✓	✓
	Universal rack mounting system (button & clip feet)	✓	✓	✓
	Alternating phase per sections (available on 3Phase 32A PDU)	✓	✓	✓
Standard Features	Hot-Swap Control module with Advanced LCD + Optional Temp/Humidity sensor	X	✓	✓
	±1% IEC Class 1 Billing Grade Accuracy for V, W, A and kWh	X	✓	✓
	Daisy-Chain up to 4 ePDUs, reduce network infrastucture costs	X	✓	✓
	Power chain monitoring & Real time Intelligence on your Data Center, via Eaton and advanced action on virtual environnement via Eaton IPM Edition	X	✓	✓
	Protocols & standards HTTPS, SSL, FTP, SNMP, SMTP, DHCP, LDAP, RADIUS, DHCP 66/67 for Mass Configuration	X	✓	✓
Advanced Features	Turn off unused outlets to control commissioning	X	X	✓
	Outlet and IT Equipment Switching/reboot /sequencing across A and B feed	X	X	✓

Standard available SKUs - Basic ePDUs



SKU Number	Part Number	Sales Description	Form Factor	Current Rating	Phase	Input Plug	Output Plug		Voltage	
							IEC C13	IEC C19	Input	Output
EBAH0001	802001001	B-PDU,1U 12,16A 1P C20 12,0 230/230V	1U	16 A.	1-Ph.	C20 Inlet	12	0	230 V.	230 V.
EBAH0002	802001002	B-PDU,1U 12,16A 1P IEC309 12,0 230/230V	1U	16 A.	1-Ph.	IEC 60309	12	0	230 V.	230 V.
EBAV0001	802001003	B-PDU,ZU 22,16A 1P IEC309 20,2 230/230V	Zero U	16 A.	1-Ph.	IEC 60309	20	2	230 V.	230 V.
EBAV0002	802001004	B-PDU,ZU 20,32A 1P IEC309 20,0 230/230V	Zero U	32 A.	1-Ph.	IEC 60309	20	0	230 V.	230 V.
EBAV0003	802001005	B-PDU,ZU 30,32A 1P IEC309 24,6 230/230V	Zero U	32 A.	1-Ph.	IEC 60309	24	6	230 V.	230 V.
EBAV0004	802001006	B-PDU,ZU 42,32A 1P IEC309 36,6 230/230V	Zero U	32 A.	1-Ph.	IEC 60309	36	6	230 V.	230 V.
EBAV0005	802001007	B-PDU,ZU 30,16A 3P IEC309 24,6 400/230V	Zero U	16 A.	3-Ph.	IEC 60309	24	6	400 V.	230 V.
EBAV0006	802001008	B-PDU,ZU 42,16A 3P IEC309 36,6 400/230V	Zero U	16 A.	3-Ph.	IEC 60309	36	6	400 V.	230 V.
EBAV0007	802001009	B-PDU,ZU 24,32A 3P IEC309 12,12 400/230V	Zero U	32 A.	3-Ph.	IEC 60309	12	12	400 V.	230 V.
EBAV0008	802001010	B-PDU,ZU 42,32A 3P IEC309 30,12 400/230V	Zero U	32 A.	3-Ph.	IEC 60309	12	12	400 V.	230 V.

Standard available SKUs - Metered ePDUs



SKU Number	Part Number	Sales Description	Form Factor	Current Rating	Phase	Input Plug	Output Plug		Voltage	
							IEC C13	IEC C19	Input	Output
EMIH0001	802002001	M-PDU,1U 12,16A 1P C20 12,0 230/230V	1U	16 A.	1-Ph.	C20 Inlet	12	0	230 V.	230 V.
EMIH0002	802002002	B-PDU,1U 12,16A 1P IEC309 12,0 230/230V	1U	16 A.	1-Ph.	IEC 60309	12	0	230 V.	230 V.
EMIV0001	802002003	M-PDU,1U 12,16A 1P IEC309 12,0 230/230V	Zero U	16 A.	1-Ph.	IEC 60309	20	4	230 V.	230 V.
EMIH0003	802002004	M-PDU,ZU 24,16A 1P IEC309 20,4 230/230V	2 U	32 A.	1-Ph.	IEC 60309	12	4	230 V.	230 V.
EMIV0002	802002005	M-PDU,ZU 24,32A 1P IEC309 20,4 230/230V	Zero U	32 A.	1-Ph.	IEC 60309	20	4	230 V.	230 V.
EMIV0003	802002006	M-PDU,ZU 34,32A 1P IEC309 28,6 230/230V	Zero U	32 A.	1-Ph.	IEC 60309	28	6	230 V.	230 V.
EMIV0004	802002007	M-PDU,ZU 42,32A 1P IEC309 36,6 230/230V	Zero U	32 A.	1-Ph.	IEC 60309	36	6	230 V.	230 V.
EMIV0005	802002008	M-PDU,ZU 30,16A 3P IEC309 24,6 400/230V	Zero U	16 A.	3-Ph.	IEC 60309	24	6	400 V.	230 V.
EMIV0006	802002009	M-PDU,ZU 42,16A 3P IEC309 36,6 400/230V	Zero U	16 A.	3-Ph.	IEC 60309	36	6	400 V.	230 V.
EMIV0007	802002010	M-PDU,ZU 24,32A 3P IEC309 12,12 400/230V	Zero U	32 A.	3-Ph.	IEC 60309	12	12	400 V.	230 V.
EMIV0008	802002011	M-PDU,ZU 42,32A 3P IEC309 30,12 400/230V	Zero U	32 A.	3-Ph.	IEC 60309	30	12	400 V.	230 V.

Standard available SKUs - Switched ePDUs



SKU Number	Part Number	Sales Description	Form Factor	Current Rating	Phase	Input Plug	Output Plug		Voltage	
EMIH0001	802003001	S-PDU,1U 8,16A 1P C20 8, 230/230V	1U	16 A.	1-Ph.	C20 Inlet	8		230 V.	230 V.
EMAV0001	802003002	S-PDU,ZU 16,16A 1P C20 12,4 230/230V	Zero U	16 A.	1-Ph.	C20 Inlet	12	4	230 V.	230 V.
EMAH0002	802003003	S-PDU,1U 8,16A 1P IEC309 8, 230/230V	1U	16 A.	1-Ph.	IEC 60309	8		230 V.	230 V.
EMAV0002	802003004	S-PDU,ZU 24,16A 1P IEC309 20,4 230/230V	Zero U	16 A.	1-Ph.	IEC 60309	20	4	230 V.	230 V.
EMAH0003	802003005	S-PDU,2U 16,32A 1P IEC309 12,4 230/400V	2U	32 A.	1-Ph.	IEC 60309	12	4	230 V.	230 V.
EMAV0003	802003006	S-PDU,ZU 24,32A 1P IEC309 20,4 230/400V	Zero U	32 A.	1-Ph.	IEC 60309	20	4	230 V.	230 V.
EMAV0004	802003007	S-PDU,ZU 32,32A 1P IEC309 24,8 230/230V	Zero U	32 A.	1-Ph.	IEC 60309	24	8	230 V.	230 V.
EMAV0005	802003008	S-PDU,ZU 44,32A 1P IEC309 34,6 230/230V	Zero U	32 A.	3-Ph.	IEC 60309	34	6	230 V.	230 V.
EMAV0006	802003009	S-PDU,ZU 24,16A 3P IEC309 18,6 400/230V	Zero U	16 A.	3-Ph.	IEC 60309	18	6	400 V.	230 V.
EMAV0007	802003010	S-PDU,ZU 36,16A 3P IEC309 30,6 400/230V		16 A.	3-Ph.	IEC 60309	30	6	400 V.	230 V.
EMAV0008	802003011	S-PDU,ZU 24,32A 3P IEC309 12,12 400/230V	Zero U	32 A.	3-Ph.	IEC 60309	12	12	400 V.	230 V.
EMAV0009	802003012	S-PDU,ZU 36,32A 3P IEC309 24,12 400/230V	Zero U	32 A.	3-Ph.	IEC 60309	24	12	400 V.	230 V.

GLOBAL COMPLIANCE STANDARDS

All Eaton products strictly meet all applicable global standards for safety, environmental, electromagnetic interference, and quality.



Need Something Special? Your perfect Rack PDU on demand



Dedicated engineering teams to create your perfect Rack PDU on demand.
Specific configurations or complete engineering projects

Typical requirements:

- Halogen free material, national socket types, specific number of C13/C19 outlets
- Colored ePDUs on demand to easily identify power source feed



Dual ePDU packaging on demand to reduce environmental impact.

Add power redundancy solution for mono power supply devices

Eaton ATS are designed to provide power supply redundancy for single connection equipment. With ATS, power from two independent sources can be supplied to IT equipment, which have only one input power supply.



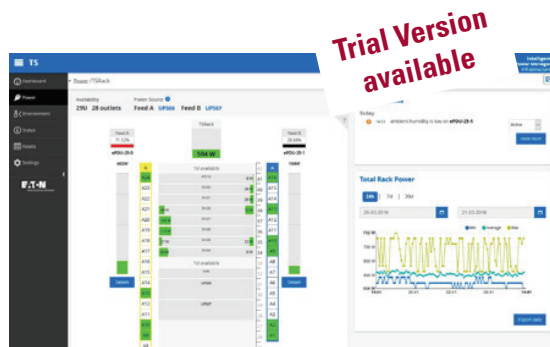
Both sources (primary and secondary) are connected in a straightforward manner to the ATS in the base of the rack. The Eaton ATS then controls the redundancy of this electrical power supply.
If the primary source fails, transfer to the secondary source is automatic and instantaneous.

IPM Editions, Understand and Manage your power infrastructure

IPM Understand Edition helps to bridge the gap between facility and IT management by providing you just enough information, when you need it and where you need it.

Understand Edition

Understand your power chain infrastructure



- Monitoring of Eaton and many 3rd party power devices
- Power & Environmental reports
- Trending analysis
- Control your load balancing and power redundancy

Eaton collaborates with the leaders in converged and hyper-converged infrastructures

Our lab-validated power management solutions ensure high uptime of IT systems and data integrity in case of power and environmental issues.



MADE IN **INDIA**

120000+ SQ FT
World-class Manufacturing
Facility in Pondicherry

About **EAT•N**

Eaton's electrical business is a global leader with deep regional application expertise in power distribution and circuit protection; power quality, backup power and energy storage; control and automation; life safety and security; structural solutions; and harsh and hazardous environment solutions. Through end-to-end services, channel and an integrated digital platform & insights Eaton is powering what matters across industries and around the world, helping customers solve their most critical electrical power management challenges.

In India, Eaton is spread across 19 office locations, 8 manufacturing sites having 450+ channel partners and 5500+ employees. Our India corporate office and state-of-the-art R&D facility is situated in Pune.

Eaton Power Quality Private Limited, India is a 100% subsidiary and a part of electrical sector of Eaton Corporation. We have our manufacturing plant in Pondicherry spread across 1,20,000+ sq ft serving the nation since a decade.

18,000+
patents

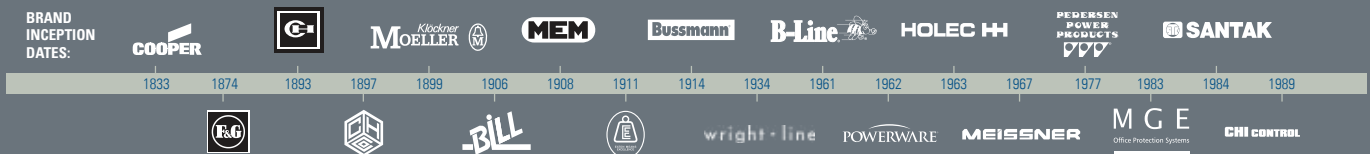
\$ 17.9
Billion \$ in sales

Operating in
175
countries

100+
years of
experience

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Meeting power management needs around the world



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