




## ePDU G3 Managed technology comparison

Eaton ePDU G3 Managed offers new state-of-the-art features in addition to all of the existing capabilities from older platforms. The below comparison tables show how the new ePDU G3 Managed outperforms its predecessors and brings a new standard of excellence to power distribution.

### TABLE KEY

G1 = generation 1 (released 2007)  
 G2 = generation 2 (released 2011)  
 G3 = generation 3 (released 2014)

 Rows highlighted in green are new or improved in the ePDU G3 Managed.

Feature	G1 Switched	G2 Managed	G3 Managed	Benefits
Phase metering	Yes	Yes	Yes	Phase-balance load to prevent power problems
Branch circuit metering	No	No	Yes	Prevent circuit breaker trip
Outlet metering	No	Yes	Yes	Meter each IT device for power usage analysis
Meter accuracy	± 3%	± 1.5%	± 1%	Provides revenue-grade power monitoring for billing and reporting
Outlet switching	Yes	Yes	Yes	Save time by remotely controlling power to outlets
Outlet reboot	Yes	Yes	Yes	Restart servers that are non-responsive and avoid costly site visits
Group reboot for A and B feed	No	No	Yes	Save time by controlling grouped power supplies with a single action
Power sequence programmable	Yes	Yes	Yes	Prevent startup inrush and power on devices in user-defined order
Outlet scheduling	Yes	Yes	Yes	Control access or save power by scheduling devices on and off
IEC outlet grip plug retention	No, cable tray	No, cable tray	Yes	Secure plugs in place from accidental disconnect
Operating temperature	113°F/45°C	122°F/50°C	140°F/60°C	Reduce cooling costs and ensure stability in high operating temperatures
Color-coded outlet sections	No	Phase (up to 3 color)	Section (up to 6 color)	Prevent unbalanced loading that would unnecessarily trip a breaker
Pre-installed mounting buttons	No	No	Yes	Reduce installation time
Local display / menu	Segment / No	Pixel LCD / 3 button	Pixel LCD / 4 button	Allows for easy setup and troubleshooting
Invert display	Software	Local or software	Local or software 4 position	Mount ePDU in rack with cord up or cord down and adjust LCD display to read correctly



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Network Capabilities	G1 Switched	G2 Managed	G3 Managed	Benefits
Ethernet	RJ45 10/100	RJ45 10/100	RJ45 10/100	
Hot-swap meter	No	No	Yes	Increase uptime and avoid service calls
USB port	No	No	Yes	Charge port and feature port
USB firmware updates	No	No	Yes	Update firmware when performing maintenance at the rack
USB configuration	No	No	Yes	Save time by copying setup files using a USB stick
Daisy chain (share network connection/IP address)	Yes	No	Yes, 4 devices	Reduce network costs by 75%
Serial RS232	Yes	Yes	Yes	Console access or local connection
Environmental Monitoring Probe	SENSOR-T2-H1 optional	EMP001 optional	EMP001 optional	Monitor rack temperature, humidity and contact closure (such as door switch)
DHCP (Dynamic Host Configuration Protocol)	Yes	Yes	Yes	
SNMP	v1	v1, v2, v3	v1, v2, v3	SNMP v3 provides security features
IPv6	No	Yes	Yes	New standard for IP required in many sites
Radius	No	No	Yes	Central authentication simplifies password management
IP address setup on local display	No	No	Yes	Manually set IP address without network connection
LDAP (Lightweight Directory Access Protocol)	No	No	Yes	Central authentication simplifies password management
Command Line Interface	No	No	Yes	Easier to interface using scripts
SSH (Secure Shell)	No	No	Yes	Secure command line feature
SSL (Secure Sockets Layer)	Yes	Yes	Yes	Secure web feature
Cisco Energywise	No	Yes	Yes	Enable power management through Cisco's software
Eaton Intelligent Power Manager (IPM) support	SNMP	Auto discovery (XML)	Auto discover (XML)	Designed for IPM, provides special features and auto discovery
Mass configuration	No	Yes with IPM	Yes with IPM	Save time configuring large number of devices
Mass firmware update	No	Yes with IPM	Yes with IPM	Batch firmware updates to save time and keep firmware current



Module being removed without removing power to the ePDU



A and B power PDU sharing a network connection via daisy chain



Manually set IP address without network connection

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For more information about the new Eaton ePDU G3 Managed, visit [Eaton.com/ePDUG3](http://Eaton.com/ePDUG3)