

Eaton G3 Universal Input Rack PDU

Rated for any rack IT infrastructure

With its universal input, dynamic C39 outlets and global approval, Eaton's G3 universal input PDU (G3 UPDU) is a single solution equipped to meet the most diverse data center rack power needs. This fully managed PDU accommodates single- and 3-phase power in 208V and 415/240V environments, as well as equipment with a variety of connectors and power demands. The G3 UPDU boasts all the sophisticated management capabilities you expect from an Eaton PDU and can be easily deployed into a single data center or a global project across multiple locations—saving time, reducing costs and simplifying power management.

Power most any equipment, anywhere

Universal input

The G3 UPDU supports 5kVA single-phase power through 23kVA 3-phase power. It can be paired with any one of 12 detachable input cords with 12 different plugs. By accommodating rack equipment with a broad range of power needs, it alleviates the cost and complexity of mixing and matching different PDUs for different installations and helps ensure you don't outgrow your PDU as power needs evolve.

Outlets that give you options

C39 outlets on the G3 UPDU allow both C14 and C20 plugs, adding flexibility to deployments and reducing the quantity of PDUs you will need to purchase and install. Fewer PDUs also means more rack space for revenue-generating equipment.

Global approval

The G3 UPDU meets industry standards used all over the world, so you can source a single PDU chassis globally and pair it with cables rated for the voltage requirements at each destination.



Powering Business Worldwide

Maximize control

Outlet-level oversight boosts performance and efficiency

The G3 UPDU is fully managed and provides metering, monitoring and switching at the outlet level for granular power data and precision control of power delivery. Its individual outlet control can increase uptime by giving you the ability to disable any single outlet or group of outlets on the PDU before its connected equipment overloads the system, rather than disabling an entire outlet bank or the entire PDU. Whether it's used for customer power billing purposes or for diagnosing internal inefficiencies, the PDU effectively turns power management into profit.

Remote management saves time and money

The G3 UPDU can be managed via web browser or SNMP integration into DCIM. You can also utilize monitoring software like Eaton's Intelligent Power Manager (IPM), Visual Power Manager (VPM) or Visual Capacity Optimization Manager (VCOM), as well as third-party management systems. Remote PDU management reduces or eliminates costly on-site visits by sending automated alerts about power issues and remotely rebooting a PDU or individual outlets. This improves response time and frees up resources for other critical tasks.

Simplify installation

Small footprint saves space for revenue-generating equipment

The G3 UPDU's industry-leading, high-density design fits 42 evenly distributed outlets on a 42U chassis. Its low-profile circuit breakers are flush with the chassis, and its narrow, single-wide (2 in.) width provides multiple mounting options. The G3 UPDU and attached cabling are designed to cohabit as seamlessly as possible with other rack equipment.

Painless box-to-rack experience

The G3 UPDU's toolless mounting buttons offer multiple mounting options to fit your rack's layout and power needs. It can be mounted front- or side-facing by simply moving the mounting buttons into prefabricated hole punches that ensure each button is placed correctly for your preferred configuration. Its hot-swappable eNMC (ePDU Network Management and Control) module can be removed without interrupting power to the PDU. You can daisy-chain up to eight G3 UPDUs and share the same network connection and IP address, simplifying management and cutting costs.

Feature focus

1 Universal input

8-pin input connector supports 5kVA single-phase power through 23kVA 3-phase power to accommodate a broad range of application power needs.

2 Network management and control module

Hot-swappable eNMC module includes:

- A Built-in, upgradable network card
- B Push-button controls
- C LCD pixel display with outlet-level readings
- D Serial/Ethernet ports for environmental monitoring and daisy-chain connections
- E USB port for firmware upgrades

3 Outlet bank circuit breaker

(6) 20A circuit breakers (one per outlet bank) protect outlets against overloads.

4 Outlet versatility

(18) high-retention, P-lock compatible C39 combo outlets accept both C14 and C20 plugs and both 15- and 20-amp inlets. (24) C13 outlets accept C14 plugs.

5 Indicator lights

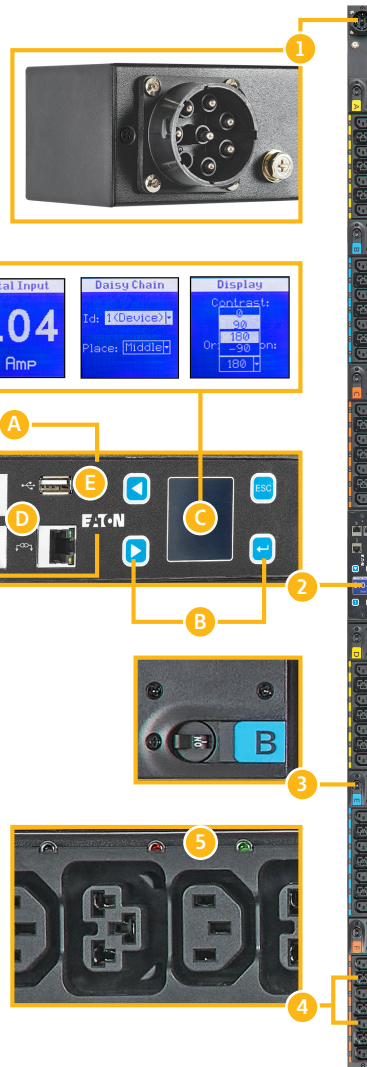
Green = outlet is on; Red = PDU has power but outlet is off.

Input cable options

12 detachable cables with 12 different plugs*; all are 10 ft. long with locking connectors. Must be purchased separately.

Toolless mounting

2 buttons allow fast, toolless mounting.



High outlet density

Best-in-class 42 outlets in a 42U design to power crowded racks.

Low-profile form factor

Narrow, lightweight aluminum chassis is optimal for side mounting in a rack without intruding into rail space.

Color coding

Color-coded outlet banks and corresponding circuit breakers simplify load balancing.

SPECIFICATIONS

Catalog number	PDU type	Form factor	Input voltage	Output capacity	Input connection (on chassis)	Input plug*	Outlets	Dimensions (HxWxD)
EVMAGU23X-3	Managed	0U (vertical)	Input cable determines single- or 3-phase wiring & voltage*	Up to 23 kW. Varies by input cable*	8-pin	12 options, see row below	42: x24 C13; x18 C39	72 x 2.1 x 2.6 in. (183 x 5.3 x 6.6 cm)

*INPUT CABLE SPECIFICATIONS

Catalog number	Plug	Cable length	Panel breaker	De-rated current	Voltage	Region	Power phase	Max power per PDU
CBL350-10	L6-30P	10 ft. (305 cm)	30A	24A	208V	AMER	Single	5.0kVA
CBL351-10	L21-30P	10 ft. (305 cm)	30A	24A	208/120V WYE	AMER	3	8.6kVA
CBL354-10	332P6W	10 ft. (305 cm)	30A	24A	240V	AMER	Single	5.8kVA
			32A	32A	230V	EMEA/APAC	Single	7.4kVA
CBL355-10	516P6W	10 ft. (305 cm)	20A	16A	240/415V WYE	AMER	3	11.5kVA
			16A	16A	230/400V WYE	EMEA/APAC	3	11.0kVA
CBL356-10	460P9W	10 ft. (305 cm)	60A	48A	208V Delta	AMER	3	17.3kVA
CBL357-10	Pigtails	10 ft. (305 cm)	60A	48A	208V Delta	AMER	3	17.3kVA
CBL358-10	532P6W	10 ft. (305 cm)	30A	24A	240/415V WYE	AMER	3	17.3kVA
			32A	32A	230/400V WYE	EMEA/APAC	3	22.1kVA
CBL360-10	560P6W	10 ft. (305 cm)	60A	32A	240/415V	AMER	3	23.0kVA
CBL362-10	360P6W	10 ft. (305 cm)	60A	48A	240V	AMER	Single	11.5kVA
CBL364-10	CS8365	10 ft. (305 cm)	50A	40A	208V Delta	AMER	3	14.4kVA
CBL365-10	L15-30P	10 ft. (305 cm)	30A	24A	208V Delta	AMER	3	8.6kVA
CBL366-10	560P9W	10 ft. (305 cm)	60A	48A	208/120V WYE	AMER	3	17.3kVA

