

Power distribution for IT equipment

ePDU G3 Platform



Powering Business Worldwide

powerquality.eaton.com/ePDUG3

Eaton's 3rd generation power distribution technology

The ePDU G3 platform is designed to provide reliable, cost effective power distribution together with highly accurate monitoring and control for IT equipment in the datacentre.

This industry-leading platform enables you to:

- Reliably distribute power to your IT equipment
- Accurately monitor and manage power consumption
- Control, configure and update en-masse via management software

Operate in extreme environments

The ePDU G3 can be used in 60°C environments and containment solutions

True IEC Class 1 billing grade accuracy

Monitor your energy consumption (kWhr) plus V, W and A extremely accurately. Monitor ePDU and branch circuit

Prevent accidental disconnect

- Integrated IEC outlet grip plug retention
- Prevents accidental disconnect from being bumped or from vibration
- Works on any IEC plug

Simplify load balancing

Colour coding and laser engraved chassis easily link breakers to outlet groups



BLOCK
READY

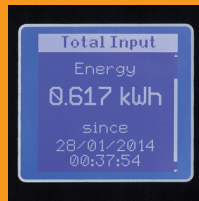
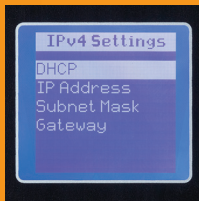


Centrally monitor and manage

- Easily monitor the status of your power distribution
- Plus optional environmental monitoring

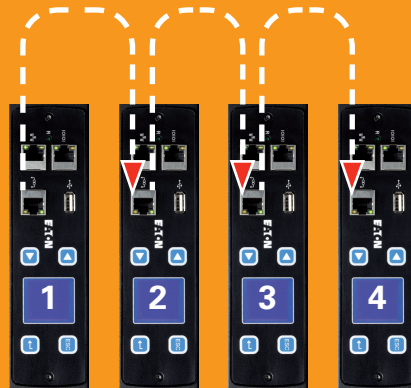
No downtime on updates

- Hot-swap eNMC and intelligent firmware
- En-masse configuration and en-masse firmware upgrades available or copy and paste configurations via USB



Reduce the IP ports needed to monitor your power

- Daisy-chain up to 4 ePDUs to reduce the cost of networking
- Reduces network infrastructure cost by 75%



Easily access hot swappable IT equipment

The ePDU doesn't protrude into the rack and is low profile even at the breakers
52 x 53mm chassis, and 58.7mm at breakers

Multiple mounting options

- Button mount with rear and side mounting options
- Raise or lower the ePDU in the rack to suit your installation
- Unique variable mounting system can be mounted at any point on the ePDU and gives full flexibility



ePDU G3 Technical Specification



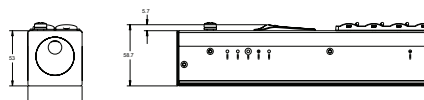
G3 Key technology features	G3 Metered Input	G3 In-Line Metered	G3 Basic
IEC outlet eGrip plug retention	✓	N/A	✓
±1% IEC class 1 billing grade accuracy	✓	✓	N/A
Colour-coded outlet and breaker sections	✓	✓	✓
Hot-swap eNMC meter with advanced LCD	✓	✓	N/A
Low-profile form factor	✓	✓	✓
High operating temperatures	✓	✓	✓
Daisy-chain network	✓	✓	N/A
Multiple install options	✓	✓	✓
EnergyWise ready	✓	✓	N/A

G3 Metered Input

G3 In-Line Metered

G3 Basic

Input Type	Outlet Type: Qty	Rating (A)	Breakers	G3 Metered Input	U Height	G3 In-Line Metered	U Height	G3 Basic	U Height
IEC60309 16A 3P	36XC13 : 6XC19	16A 3P		EMIB00	42U			EBAB00	36U
IEC60309 32A 3P	3XC13 : 6XC19	32A 3P	6 single pole					EBAB01	36U
C14	16XC13	10		EMIB03	24U			EBAB03	16U
IEC60309 16A	20XC13 : 4XC19	16		EMIB04	24U			EBAB04	24U
IEC60309 32A	20XC13 : 4XC19	32	2 single pole	EMIB05	26U			EBAB05	24U
IEC60309 32A	12XC13 : 4XC19	32	2 single pole	EMIB06	24U				
IEC60309 32A	36XC13 : 6XC19	32	2 single pole	EMIB08	36U				
IEC60309 32A 3P	12XC13 : 12XC19	32A 3P	6 single pole	EMIB12	36U				
IEC60309 16A	1XIEC60309 16A	16				EILB13	10U/19"		
IEC60309 32A	1XIEC60309 32A	32				EILB14	10U/19"		
IEC60309 32A 3P	1XIEC60309 32A 3P	32 3P				EILB15	10U/19"		
C14	12XC13	10						EBAB19	10U/19"
C20	16XC13	16						EBAB21	16U
C20	20XC13 : 4XC19	16						EBAB22	24U



Low profile at breakers:

ePDU Dimensions: 52mm width, 53mm deep (58.7mm at breakers).

Technical drawings and pictures available on powerquality.eaton.com/ePDUG3



Accessories

Environmental monitoring (Temperature and Humidity Probe) available separately. Part number EMP001.



Hotswap eNMC available as a spare. Part number 744-A2488-00P.



Powering Business Worldwide

For further product information:

www.powerquality.eaton.com/ePDUG3

In the interests of continuous product improvement all specifications are subject to change without notice. © 2014 Eaton, All Rights Reserved.

Eaton Australia
1300 UPS UPS
www.eaton.com/powerquality
aupqsales@eaton.com

Eaton New Zealand
0508 EATON NZ
www.eaton.com/powerquality
NZSales@eaton.com