

Eaton FlexPDU

Simple to configure, easy to manage



Powering Business Worldwide

Whether you have a network closet, server room, or data center, the Eaton FlexPDU provides an easy-to-configure solution to power your IT equipment.

Through its flexible design, the Eaton FlexPDU allows you to quickly configure your ePDU saving you time and reducing costs while serving as a key piece of the Eaton data center infrastructure solution.

Highlights include:

- Modular design for greater quality and easy customization
- National and international plug and outlets options
- Light-weight design
- Tool-less mounting
- Hot-swap network metered modules
- Remote access via network metered
- IEC plug locking outlets
- Compatible with Eaton's Intelligent Power Manager™

Eaton offers a wide-range of configurations, making it easy to choose the solution that best fits your needs.



Basic

Light-weight, low-profile design which can be easily configured to your application.



Local Metered

A cost-effective metering option for on-site monitoring. Includes LED screen for rack-level power metering.



Network Metered

Allows for remote access, rack environmental monitoring, active alarms and is compatible with Eaton's Intelligent Power Manager™



Eaton's FlexPDU offers the greatest value, saving you time and money while reducing risk.

Save Time.



Fast Configuration
Customize your FlexPDU with a wide range of outlets, plugs, breakers and surge protection.



Easy Installation
Tool-less mounting for quick installation on Eaton RE Series enclosures.



Remote Access Monitoring
Monitor your power consumption via device software and Eaton's Intelligent Power Manager™

Save Money.



Modular Design
Modular chassis design allows for easy configuration and lower costs.



Hot-Swap Network Meter
Upgrade or replace network meter without removing power, resulting in greater network uptime



Bundled Solutions
Minimize data center cost and complexity by choosing the complete Eaton power and enclosure solution.

Reduce Risk.



Locking IEC outlets
C13 and C19 locking outlets for full cable retention



Certified Plugs and Outlets
Wide range of international and national outlets and plugs

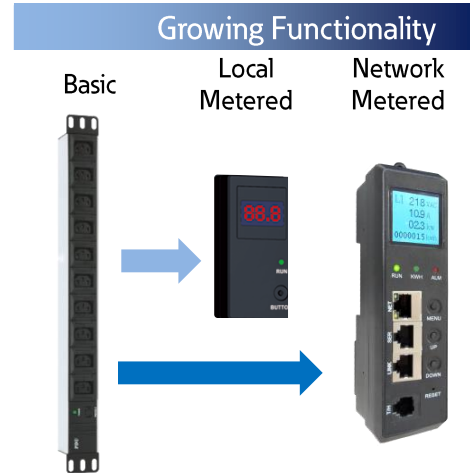
2 Year Standard Warranty

High Reliability
Every unit is quality tested before shipping. 2-year standard warranty with extended options.

Option 1. Choose a standard FlexPDU to meet your application.

Standard configurations allow you to quickly choose the right ePDU for your application. Eaton's FlexPDU's are offered in 3 types.

- Basic
- Local Metered
- Network Metered



FlexPDU Features

	Basic	Local Metered	Network Metered
Safe, reliable and cost effective	X	X	X
Modular chassis design	X	X	X
National and International Plugs & Outlets	X	X	X
Locking IEC outlets (Optional)	X	X	X
Circuit Breaker and Surge Protection (Optional)	X	X	X
Easy to operate and set-up	X	X	X
1-Phase and 3-Phase Options	X	X	X
Easy to read LCD & LED Options		X	X
1% metering accuracy		X	X
Hot Swap Metering			X
Remote monitoring via network and IPM			X
Daisy Chain (up to 4)			X
Active Alarms			X
Environmental Sensors			X
Compatible with Intelligent Power Manager™			X

Input Type / Rating (A)	Outlet type: Qty	Circuit Breaker	Config	Dimensions L x W x D, mm	Standard Part Numbers		
					Basic	Local Metered	Network Metered
1-Phase Models	12 x C13		1U	481 x 50 x 44	EFLXB01H		
	16 x C13		0U	980 x 50 x 44	EFLXB03	EFLXL03	EFLXN03
IEC60320 C14 10A	12 x C13		1U	481 x 50 x 44	EFLXB02H		
	16 x C13		0U	980 x 50 x 44	EFLXB21	EFLXL21	EFLXN21
IEC60320 C20 16A	20 x C13 : 4 x C19		0U	1191 x 50 x 44	EFLXB22	EFLXL22	EFLXN22
	18 x C13 : 2 x C19		0U	1191 x 50 x 44	EFLXB10	EFLXL10	EFLXN10
IEC60309 16A	20 x C13 : 4 x C19		0U	1191 x 50 x 44	EFLXB04	EFLXL04	EFLXN04
	20 x C13 : 4 x C19	2 x 16A	0U	1359 x 50 x 44	EFLXB05	EFLXL05	EFLXN05

Standard Part Numbers Include:

- IEC certified outlets (locking)
- IEC certified plugs
- Easily visible LED Screen (Local Metered)
- High resolution LCD screens (Network Metered)
- 3 meter power cord
- Eaton Air Circuit Breakers (where applicable)
- Tool-less mounting buttons
- 2 Year Warranty

Option 2. Configure your own FlexPDU

FlexPDU Configurator

EFLX	ePDU	EFLX = Eaton FlexPDU
N	ePDU Type	B = Basic L = Local Metered (Built-In) N = Network Metered (Hot-swap)
C	Meter Type (Metered Only)	C = LCD E = LED [] = N/A (Basic PDU)
0	Configuration	0 = 0U 1 = 1U
D	Input Plug	See Plugs, below
20A	Outlets (1)	(#) + Outlet, See Outlets, below
6C	Outlets (2)	(#) + Outlet, See Outlets, below [] = N/A
C	Circuit Breaker	C = Air Circuit Breaker (Eaton) [] = N/A
S	Surge Protector	S = Surge Protector [] = N/A

Example 1: EFLXNC0D20A6BCS includes:

- Network Metered FlexPDU
- LCD Screen
- 0U (Vertical) Configuration
- 1-Phase, IEC6309 (16A) Plug
- 20 x C13 Locking Outlets
- 6 x C19 Outlets
- Eaton Air Circuit Breaker
- Surge Protection

Example 2: EFLXB0B16A includes:

- Basic FlexPDU
- 0U (Vertical) Configuration
- 1-Phase, IEC6320 C20 (16A) Plug
- 16 x C13 Locking Outlets

Notes:

- Total outlets cannot exceed 36 for a 42U enclosure.
- Max 5 outlets for 1U metered configurations
- Max 2 styles of outlets per PDU
- Standard color black, custom colors available on request

Plugs	Outlets
<p>International</p> <p>A = IEC 60320 C14 (10A, 1P) B = IEC 60320 C20 (16A, 1P) C = IEC 60309 (16A, 1P) D = IEC 60309 (32A, 1P) E = IEC 60309 (16A, 3P) F = IEC 60309 (32A, 3P)</p> 	<p>International</p> <p>A = IEC320 C13 (locking) B = IEC320 C19 (locking)</p> 
<p>National</p> <p>I = India (6A) J = India (16A) L = AS/NZS 3112-10A (10A, 1P) M = AS/NZS 3112-15A (15A, 1P) N = Clipsal (15A, 3P) O = Clipsal (32A, 3P) P = GB (16A) Q = UK (13A) R = NEMA (5-15P) S = NEMA (5-20P)</p> 	<p>National</p> <p>I = India L = AS/NZS-10A M = AS/NZS-15A N = GB (10A) O = GB (16A) P = UK Q = UK (45°) R = NEMA (5-15R) S = NEMA (5-20R)</p> 

Option 3. Need something special? Customized solutions available.

Contact your Eaton representative to create a customized solution for your application.

Remotely access your Network Metered FlexPDU™

Network Meter

The FlexPDU Network Meter can provide the following online functions:

- ePDU Load monitoring with billing-grade accuracy (1%)
- SNMP v1 communication
- Password protected
- Monitor up to 5 units through a single IP address (via Daisy Chain)
- IPM Compatibility for complete power system management
- User-defined alarms (email and audible)



EATON FlexPDU

Device Show Information

PDU: Master
Input: AC
Input Line: Line 1

L1	0 A
214 V	0 kW
26.4 kWh	

Item	Name	Status	Unit
1	Line 1 Current	0	A
2	Line 1 Voltage	214	V
3	Line 1 Power	0	kW
4	Line 1 Energy	26.4	kWh
5	Temperature	0	°C
6	Humidity	0	%

EATON FlexPDU

Current Settings

Item	Name	State(A)	Min(A)	Max(A)	Save
1	Line 1 current	0	0	32	Save
2	Line 2 current	0	0	32	Save
3	Line 3 current	0	0	32	Save

Voltage Settings

Item	Name	State(V)	Min(V)	Max(V)	Save
1	Line 1 voltage	214	0	286	Save
2	Line 2 voltage	214	0	275	Save
3	Line 3 voltage	213	0	275	Save

Sensor Settings

Item	Name	Status	Min	Max	Save
1	Temp (°C)	0	0	40	Save
2	Hum (%)	0	0	99	Save

Network Metered Accessories

Environmental Sensor



EFLXSENSOR

Rack-mounted environmental sensor monitors enclosure temperature and humidity.

LCD Meter Display

- 1.4" color LCD screen
- Easy installation
- Displays and monitors real-time current / voltage / IP address / power consumption / temperature & humidity via web interface
- Supports SNMP MIB file integration
- Remote upgradeable



LED Meter Display

- 8-segment LED display
- Easy Installation
- Displays and monitors real-time current / voltage / IP address / power consumption / temperature & humidity via web interface
- Remote upgradeable



Metering Modules	Network LCD Module	Network LED Module
1P, 230VAC, 10A/16A/32A	EFLXNLCD1	EFLXNLED1
3P, 380VAC, 16A/32A	EFLXNLCD3	EFLXNLED3

FlexPDU Specifications

Item	Parameter	Specification
Input	Input Voltage / Frequency	110 / 230 VAC / 380 VAC : 50 / 60 Hz
	Max. Load Current	10A / 16A / 32A
	Power Cable Length	3 meters
	Input Plug	International: IEC60320 C14 (10A), C20 (16A), IEC60309 2P+E Plug (32A) National: India (6A), India (16A), AS/NZS 3112-10A (10A, 1P), AS/NZS 3112-15A (15A, 1P) Clipsal (15A, 3P), Clipsal (32A, 3P)
	Protection (Optional)	16A Eaton Air Circuit Breaker, Surge Protector
Output	Rated output voltage	110 / 220 VAC
	Max. Load Current	10A / 16A / 32A
	Socket Types	International: IEC320 C13, IEC320 C19C13 (locking, & unlocking) National: India (6-16A) AS/NZS-10A, AS/NZS-15A
Display	Network Meter	Hot-swap LED or LCD display shows real-time current / voltage / IP address
Chassis	Material	Aluminum chassis, plastic front cover
	Color	Black
	Mounting	Flange-mounting brackets + Tool less mounting buttons
Environmental Ratings	Operating	Temp: 0 to 45 ^o C, Humidity: 0 to 95%
	Storage	Temp: -10 to 60 ^o C, Humidity: 0 to 95%
Monitoring	Metering	Total Load Current (A), Input Voltage (V), Power (kW), Energy Consumption (kWh), enclosure temperature / humidity via external sensor
	Metering Accuracy	1% (billing-grade)
	Set-up Configuration	Max. Load Current, email Alarm, HTTP, SNMP v1, IP, Gateway, DNS, Subnet Mask, MODBUS (optional)
	Alarm Options	Audible buzzer, email, SNMP v1
	Remote / Web access	Web based (IE, Fire Fox, Chrome, Safari), SNMP v1, Serial (optional) Remote access via TCP/IP and built-in 10/100M bit Ethernet port
	Network Protocol	TCP/IP, PPP, UDP, HTTP, TELNET, SMTP
	Password	Username and password configurable
Certifications		CE
Warranty		2 Years

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