

# Eaton Switched ePDU



## Intelligent Power Distribution

J ^uf j fpb ^ka J ^k^db vl ro o^`h ml t bo

Two key trends have emerged in the data centre: the demand from today's IT equipment for more power, and the increasing cost of that power. Couple these with the worldwide growth in demand for data centres and IT servers, and it is clear that data centre managers are facing growing pressure to manage and optimise their available power for growth, at the same time as managing the increasing associated costs.

To help them achieve this, they need an accurate view of the power and energy being consumed in the data centre – from row to rack, and right down to the individual server level. Only then can they truly understand the power usage and optimise the available power.

### Key technology features

Eaton's Managed ePDUs offer state-of-the-art monitoring and management capabilities, including:

- ³ ?o^k`e l bsb i J l kfq l ofkd
- ³ L r qibq l bsb i M l t bo P t fq`efkd %Lk, Lcc, Ob\_ l l q&
- ³ E fde >``ro^`v J l kfq l ofkd
- ³ >as^k`ba l @A Afpmi^v
- ³ Cibuf\_ib J l r kqfkd
- ³ @l i l ro\*` l aba P b`qf l k l ^\_biifkd



### Power Usage Effectiveness:

M l t bo rp^db bccb`qfsbk bpp %MRB& fp ^ j bqof` rpba q l determine the energy efficiency of a data center and is determined by dividing the amount of power entering a data center by the power used to run the computer infrastructure within it. These ePDUs provide outlet level power` l kpr j mqf l k c l o l bsb i 0 MRB `^i` ri^qf l kp.

#### PUE Levels

- l bsb i .7 ?^pf`) rpbp RMP ob^afkdp
- l bsb i /7 Fkqbo j baf^qb) rpbp MAR ob^afkdp
- l bsb i 07 >as^k`ba) rpbp pbsbo, l r qibq ob^afkdp

PUE has been defined by the Green Grid  
[www.thegreengrid.org](http://www.thegreengrid.org)

# Intelligent Power for the Data Centre

Designed for the needs of the modern data centre, these ePDU® provide reliable power distribution to IT equipment. They feature high quality components and state-of-the-art technology and circuitry.

## Reliability

Eaton ePDUs are designed and built specifically for the data centre environment – where reliability is the primary concern – with very high quality components and state-of-the-art technology and circuitry.

With a rugged aluminium or steel chassis, they fit any industry standard IT rack and include Eaton's patented mounting system, for complete security.

Patented aluminium or steel chassis provides a secure fit in any standard IT rack and includes Eaton's patented mounting system, for complete security.



## Monitoring

Optional sensors allow for temperature and humidity monitoring in the rack via optional sensors.

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## Single-Glance Information

The display provides a single-glance view of power usage, voltage and kilowatt-hour readings, all at a single glance. The display is accompanied with a three-button interface that allows you to navigate through the user-friendly menu structure. Dual-color display blinks when a system alarm is detected, providing local notification.

## Switching

Individual outlet, sequencing of outlets with delays or cycling, enables remote reboot of equipment.

## Environmental Monitoring

You can utilize the Environmental Monitoring Probe to track internal and external temperatures, humidity and contact closure. This information allows you to operate the ePDU up to 50°C, in high ambient temperatures, in high humidity environments, in high ambient temperatures, in high humidity environments.

## Control

Optional control features allow for remote reboot of equipment, sequencing of outlets with delays or cycling, and individual outlet control.



## Receptacles

Optional receptacles include standard NEMA 5-15R, NEMA 5-20R, and IEC 60320 C13 and C14.



IBAp obmobbkq each outlet



Outlet number identifications are color coded to match the outlet section to the appropriate circuit breaker.

# Power Management

Power management solutions for your network. Options: Intelligent Power® Manager or Power Xpert®.

Software	Supported	Type of Software	Typical Applications
Tb_?ol t pbo, B j ^fi	. @ /2	Includes required web browser	Data Closet, Small network, Standalone
PK JM	. @ .)---	Fkqbd^qbp ql Ooa m^oqv p l cq t ^ob	Small to large enterprise
IPM	. @ /--	B^q l k p l cq t ^ob %cobb clo rm ql .- k l abp&	Small to medium enterprise
Power Xpert	. @ .)---	Eaton enterprise software	C^` f i f q v l o i ^o d b b k q b o m o f p b

## Tb\_?ol t pbo, B\* j ^fi ^iboqp

Every network-connected ePDU comes standard with built-in web server and e-mail capability, allowing you to connect to any ePDU using a standard web browser.

## PK JM

BSbov kbq t loh\*` l kkb` qba bMAR p r m m l o q p K J M ^ i b o q p ^ k a e ^ p ^ p q ^ k a ^ o a J F ? ^ s ^ f i ^ \_ i b c l o q e f o a m ^ o q v p l c q t ^ o b f k q b d o ^ q f l k +

### What's in the box:

- 3 bMAR
- 3 J l r k q f k d P ` o b t p
- 3 @ i f m \* C b b q J l r k q f k d ? o ^ ` h b q p
- 3 N r f ` h P b q r m D r f a b
- 3 H b v e l i b ? r q q l k p
- 3 N r f ` h P q ^ o q D r f a b

## Intelligent Power Manager

Eaton's Intelligent Power Manager provides you with monitoring and management capabilities across your network. Ideal for virtualized environments, IPM is fully integrated with VMware's vCenter Server™ and Microsoft SCVMM™. [www.eaton.com/intelligentpower](http://www.eaton.com/intelligentpower)

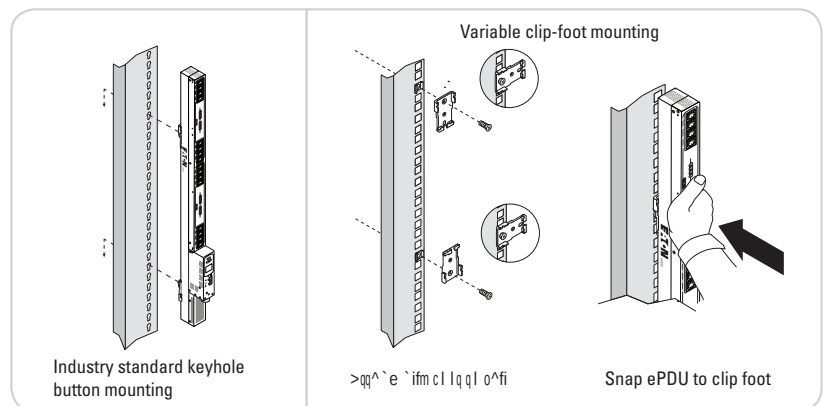
## Power Xpert

Ideal for a facility enterprise solution, Power Xpert supports all of Eaton's products and offers support for third-party products as well providing alarms, current readings and environmental sensors. This software also allows for customisation under certain conditions. [www.eaton.com/powerxpert](http://www.eaton.com/powerxpert)

Model	Configuration	Options	Input Type	Outlet Type	Features	Dimensions (H x W x D)	Weight (kg)
bPT>-.	0U	.->	@.1	@.0) .3		22 u .-6/ u 32	4+/
bPT>- /	0U	.3>	FB@0-6 .3>	@.0) /- 7 @.6) 1		22 u .4/4 u 32	3-31
bPT>-0	0U	.3>	@ /-	@.0) /- 7 @.6) 1		22 u .2/1 u 32	3-21
bPT>-1	0U	0/>	FB@0-6 0/>	@.0) /- 7 @.6) 1	/	22 u .2/1 u 32	5+.4
bPT>-2	0U	.3> 0me	FB@0-6 .3> 0me	@.0) / . 7 @.6) 0		22 u .2/1 u 32	4+- .

Accessory	Model
Environmental Monitoring Probe	B J M - - .
Mird Obpqq^fkq @^_ib Qo^v	H?IQ- .

Space-saving mounting options — all hardware included



**Cisco EnergyWise compliant\***  
 These ePDUs have been tested and approved and are Energywise compliant.  
\* t f q e « o j t ^ o b \_ r f i a . / l o e f d e b o

## Switch N to Eaton.



**Eaton Australia**  
 .0-- RMP RMP %.0-- 544 544&  
 > r p q o ^ i f ^ P ^ i b p = b ^ q l k + ` l j  
 t t t + b ^ q l k + ` l j , m l t b o n r ^ i f q v

**Eaton New Zealand**  
 -2-5 B>QLK KW %-2-5 0/5 3336&  
 www.powerquality.eaton.com  
 KWP^ibp = b^q l k + ` l j

