

# Small data center power protection solutions

Every data center is unique, reflecting the needs of each individual business. Data centers continually change to serve shifting priorities, applications and advancing computing technologies.

Selecting the correct power protection solution is critical to ensuring the flexibility and scalability needed for data center growth. That's why Eaton® is focused on providing the power solutions for enterprise and business information technology (IT) systems, from network closets to large data centers. To address whether an infrastructure is up to par, we propose asking a few evaluation questions.

## Solution highlights >



### Flexible configuration

- With extended battery runtime options, hot-swappable batteries, internal bypass, and optional maintenance bypass, Eaton solutions maximize availability

### Scalability

- Power requirements are unique to each application and constantly change with new business requirements
- Eaton anticipates these challenges, designing platforms that scale for growth but also incorporate into existing IT environments.

### Virtualization ready

- Eaton's Intelligent Power Manager™ (IPM) software uses a simple dashboard display that seamlessly integrates into VMware® and Citrix® platforms
- This added functionality allows users to easily automate the ability to move, consolidate or suspend virtual machines in the event of a power disruption
- Visit [Eaton.com/Virtualization](http://Eaton.com/Virtualization)



Powering Business Worldwide

New to backup power and power management?

Check out the Eaton UPS and Power Management Fundamentals Handbook. Visit [SwitchOn.Eaton.com](http://SwitchOn.Eaton.com)

## Solution selection guide

Hint: The Eaton 9PX UPS provides up to 10 kW of power in a 6U framework. If customers' infrastructures demand more power, look into our larger UPS solutions, such as our scalable 12 kW Eaton BladeUPS solution, capable of expanding up to 60 kW N+1.



Eaton.com/9PX

### 9PX UPS MODEL SELECTION GUIDE

Catalog number	Rating (VA/watts)	Input connection	Output receptacles	Dimensions (H x W x D), in
<b>Rackmount 208/230V 50/60 Hz models</b>				
9PX5K	5000/4500	Terminal Block w/ L6-30P	Hardwired, (2) L6-30R, (2) L6-20R	5.1 (3U) x 17.3 x 28.4
9PX6K	6000/5400	Terminal Block w/ L6-30P	Hardwired, (2) L6-30R, (2) L6-20R	5.1 (3U) x 17.3 x 28.4
9PX6KG	6000/5400	Hardwired	Hardwired, (2) C19, (8) C13	5.1 (3U) x 17.3 x 27.0
9PX8KHW	8000/7200	Hardwired	Hardwired	10.2 (6U) x 17.3 x 27.6
9PX8K*	8000/7200	Hardwired	Hardwired, (3) L6-30R	10.2 (6U) x 17.3 x 30.0
9PX11KHW	11000/10000	Hardwired	Hardwired	10.2 (6U) x 17.3 x 27.6
9PX11K*	11000/10000	Hardwired	Hardwired, (3) L6-30R	10.2 (6U) x 17.3 x 30.0
<b>Rackmount 120/208/230V 50/60 Hz models</b>				
9PX5KTF5	5000/4500	Terminal Block w/ L6-30P	(1) L6-30R, (2) L6-20R, (18) 5-20R	10.2 (6U) x 17.3 x 28.4
9PX5KP1*	5000/4500	L6-30P	(1) L14-30R, (1) L6-30R, (6) 5-20R	10.2 (6U) x 17.3 x 28.4
9PX5KP2*	5000/4500	Hardwired	Hardwired	10.2 (6U) x 17.3 x 28.4
9PX6KTF5	6000/5400	Terminal Block w/ L6-30P	(1) L6-30R, (2) L6-20R, (18) 5-20R	10.2 (6U) x 17.3 x 28.4
9PX6KP1*	6000/5400	L6-30P	(1) L14-30R, (1) L6-30R, (6) 5-20R	10.2 (6U) x 17.3 x 28.4
9PX6KP2*	6000/5400	Hardwired	Hardwired	10.2 (6U) x 17.3 x 28.4
9PX8KTF5	8000/7200	Hardwired	Hardwired, (2) L6-30R, (18) 5-20R	15.3 (9U) x 17.3 x 30.0
9PX11KTF5*	11000/10000	Hardwired	Hardwired, (2) L6-30R, (18) 5-20R	15.3 (9U) x 17.3 x 30.0
9PX11KTF11*	11000/10000	Hardwired	Hardwired, (2) L14-30R, (8) 5-20R	15.3 (9U) x 17.3 x 27.6
*Provides external, wrap around maintenance bypass.				
<b>Rackmount 2U extended battery modules 9PX series models usage</b>				
9PXEBM180RT	180V	5/6kVA 9PX models		5.1 (3U) x 17.3 x 25.4
9PXEBM240RT	240V	8/11kVA 9PX models		5.1 (3U) x 17.3 x 25.4
<b>Two-post rail kit and network connectivity</b>				
RK2PC	Two-post rack mounting rail kit (supports 5/6kVA models only)			
103007018-5591	Networking management card			

### ePDU® MODEL SELECTION GUIDE\*

Catalog number	Description	Input connection	Output receptacles	Dimensions (H x W x D), in
<b>Power distribution and maintenance bypass options</b>				
PW105BA2U420	Eaton Basic ePDU (Max Output 4.99 kW) For use with 9PX 5-11kVA models	L6-30P	(4) L6-20R	3.5 (2U) x 19.0 x 6.0
EMI104-10	Eaton Metered ePDU (Max Output 5.76 kW) For use with 9PX 5-11kVA models	L6-30P	(6) C19, (36) C13	66.5 (0U) X 2.05 X 2.1
PW105BA0U421	Eaton Basic ePDU (Max Output 4.99 kW) For use with 9PX5KP1, 9PX6KP1, 9PX11KTF11	L14-30P	(24) 5-20R	66.0 (0U) x 1.89 x 2.0
PW105BA2U422	Eaton Basic ePDU (Max Output 4.99 kW) For use with 9PX5KP1, 9PX6KP1, 9PX11KTF11	L14-30P	(4) L6-20R	3.5 (2U) x 19.0 x 6.0

\*Additional compatible ePDU offerings available



Eaton.com/ePDU

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