Product brochure 5–11 kVA



Eaton 9PX UPS

Reliable, versatile and efficient backup power for IT equipment, including Cisco switches and servers

Eaton 9PX features and benefits

Reliability: With extended battery runtime options, hot-swappable batteries, internal bypass and optional maintenance bypass, the 9PX maximizes the availability of your IT systems.

More power: The 9PX allows you to connect more devices by providing up to 28 percent more wattage compared to traditional UPSs.

Efficiency: The double-conversion online 9PX is the most efficient UPS in its class with up to a 93 percent efficiency rating in normal mode.

Increased battery life: Eaton offers ABM® technology that increases battery service life by up to 50 percent. ABM uses a three-stage charging technique and closely monitors battery health to provide advanced notice when batteries need replacement.

Intuitive LCD interface: Eaton's intuitive LCD interface offers a graphical display that provides all critical UPS information in a single view. The user-friendly menu allows you to view information and control settings with the push of a button.

IPM 2 – Intelligent Power Manager

IPM 2 is an easy-to-use disaster avoidance platform with sophisticated capabilities that include triggering alerts and automating resolutions to keep applications running. IPM 2 enables you to:

- Leverage Eaton's integrations with industry leaders to keep critical applications running and automate resolutions for your entire network risking potential downtime.
- Migrate workloads to increase system uptime and minimize generator load by suspending non-critical virtual machines.
- Power cap servers to keep critical loads running longer by limiting server power consumption.

To learn more, please visit: **Eaton.com/IPM**

Services and support

Eaton provides 24x7 product support. From battery replacement to full UPS service plans, Eaton has one of the top service models in the industry.

Split-phase models offer both 120V and 208V output without a transformer, saving vertical rack (U) space and weight.

EATON
Powering Business Worldwide

The Eaton 9PX is an ENERGY STAR® qualified UPS. ENERGY STAR is intended to help consumers save money and protect the environment through energy efficient products and practices. Split-phase models have not been tested to this qualification.

ENERGY STAR

Versatile configurations

The 9PX has the versatility to meet the demands of a wide array of IT applications.



Each 9PX includes a 4-post rail kit



Split-phase models incorporate flexible receptacle configurations that natively offer 120V and 208V. Rear panel of 9PX 6 kVA split-phase shown above

Graphical LCD interface

With an LCD interface that tilts 45 degrees for optimal viewing, rotates to match rack and tower installations, and provides clear information on UPS status and measurements, the 9PX makes local management easy.



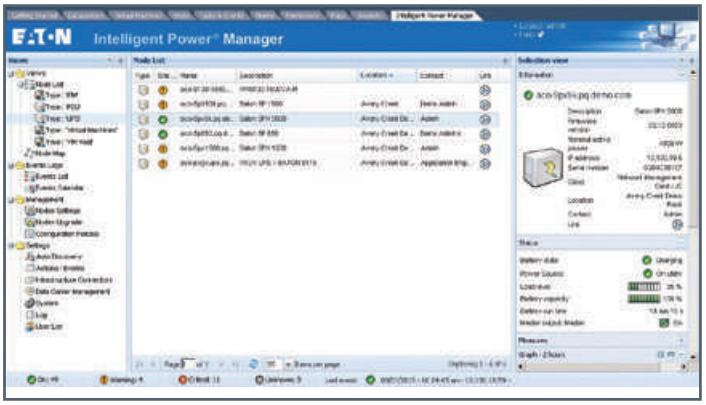
The 9PX displays key data such as its up to 93 percent efficiency rating, alarm history, runtime remaining, load percentage and more in a graphical format



The 9PX provides line and match EBMs for extended runtime

Virtualization-ready UPS

Every 9PX comes with the Network Card-M2 and IPM 2, allowing seamless integration into the following industry-leading virtualization platforms:



Intelligent Power Manager plugs into VMware's vCenter dashboard



The bundled Network Card-M2 allows the 9PX to connect to an Ethernet network and the Internet, supporting real-time monitoring and control of UPSs across the network via a standard web browser, SNMP-compliant network management system or power management software

Rear panel overview

Model 9PX6KTF5 (6kVA, 120/208V output)



Model 9PX10KSP (10kVA, 120/208V output)



1. Remote power off (RPO)
2. EBM detection port
3. Network Card-M2 (bundled with UPS)
4. EBM connector
5. Remote on/off (ROO)
6. Output relay contact – DB-9 dry contact (common alarm as standard)
7. USB port (cable included)
8. RS-232 serial communication port (cable included)
9. Output circuit breaker protection
10. (2) L6-20R
11. (2) L6-30R
12. Ground bonding screw
13. 6-foot line cord with L6-30P
14. Output terminal block for hardwired applications
15. 30A main circuit breaker
16. (4) 20A circuit breakers
17. (18) 5-20R outlets (accommodates 5-20P and 5-15P
18. L6-30P input cord
19. (2) L14-30R
20. (1) L6-30R

To interact with the 9PX and see additional configurations up close, please visit **Eaton.com/9PX**.

9PX model selection guide

The 9PX UPS is pre-configured into bundles for easy configuration and deployment. For complete specifications, including interactive battery runtime graphs, please visit **Eaton.com/9PX.**

9PX SP 6-10 kVA rack/tower: 120/208 output, 50/60 Hz

Catalog number	Rating (VA/Watts)	Input	Output	Dimensions (HxWxD, in.)*	Weight (lb.)
9PX6KSP	5500/4900****	L14-30P**	(1) L14-30R, (1) L6-30R, (6) 5-20R, Hardwired	6.8 (4U) x 17.3 x 29.77	157
9PX8KSP	8000/7200	Hardwired	(2) L14-30R, (1) L6-30R, Hardwired	10.3 (6U) x 17.3 x 32.0	225
9PX10KSP	10000/9000	Hardwired	(2) L14-30R, (1) L6-30R, Hardwired	10.3 (6U) x 17.3 x 32.0	225

*UPS and EBM ship with a 4-post rail kit, 9RK. **Terminal block with L14-30P cord. ****6K models derated at 100/200, 120/208, 110/220V (see technical specs).

Extended battery modules: 6-10kVA split-phase

Catalog number	Description	Dimensions (HxWxD, in.)	Weight (lb.)
9PXEBM240SP	6K SP EBM (add up to 4 EBMs); use with 9PX6KSP UPS	5.1 (3U) x 17.3 x 26.6	132
EBMCBL240SP	9PX EBM cable extension 6kVA split-phase, 6 feet (1.8 meters)		
9PXEBM360SP	8/10K EBM (add up to 4 EBMs); use with 9PX8KSP, 9PX10KSP UPS	5.1 (3U) x 17.3 x 25.4	163
EBMCBL360SP	9PX EBM cable extension 8/10kVA split-phase, 6 feet (1.8 meters)		

9PX 5-11 kVA 208V output, 50/60 Hz bundles

Catalog number	Rating (VA/watts)	Input	Output	Dimensions (HxWxD, in.)*	Weight (lb.)
9PX5K	5000/4500	L6-30P***	(2) L6-30R, (2) L6-20R, Hardwired	5.1 (3U) x 17.3 x 28.4	106
9PX6K	6000/5400	L6-30P***	(2) L6-30R, (2) L6-20R, Hardwired	5.1 (3U) x 17.3 x 28.4	106
9PX8KHW	8000/7200	Hardwired	Hardwired	10.2 (6U) x 17.3 x 27.6	190
9PX8K	8000/7200	Hardwired	Hardwired, (3) L6-30R	10.2 (6U) x 17.3 x 30.0	205
9PX11KHW	11000/10000	Hardwired	Hardwired	10.2 (6U) x 17.3 x 27.6	190
9PX11K	11000/10000	Hardwired	Hardwired, (3) L6-30R	10.2 (6U) x 17.3 x 30.0	205

9PX 5-11 kVA 120/208V output, 50/60 Hz bundles

Catalog number	Rating (VA/watts)	Input	Output	Dimensions (HxWxD, in.)*	Weight (lb.)
9PX5KTF5[1]	5000/4500	L6-30P***	(1) L6-30R, (2) L6-20R, (18) 5-20R	10.2 (6U) x 17.3 x 28.4	201
9PX5KP1	5000/4500	L6-30P	(1) L14-30R, (1) L6-30R, (6) 5-20R	10.2 (6U) x 17.3 x 28.4	203
9PX5KP2	5000/4500	Hardwired	Hardwired	10.2 (6U) x 17.3 x 28.4	201
9PX6KTF5[1]	6000/5400	L6-30P***	(1) L6-30R, (2) L6-20R, (18) 5-20R	10.2 (6U) x 17.3 x 28.4	201
9PX6KP1	6000/5400	L6-30P	(1) L14-30R, (1) L6-30R, (6) 5-20R	10.2 (6U) x 17.3 x 28.4	203
9PX6KP2	6000/5400	Hardwired	Hardwired	10.2 (6U) x 17.3 x 28.4	201
9PX8KTF5[1]	8000/7200	Hardwired	(2) L6-30R, (18) 5-20R	15.3 (9U) x 17.3 x 30.0	300
9PX11KTF5[1]	11000/10000	Hardwired	(2) L6-30R, (18) 5-20R	15.3 (9U) x 17.3 x 30.0	300
9PX11KTF11	11000/10000	Hardwired	Hardwired, (2) L14-30R, (8) 5-20R	15.3 (9U) x 17.3 x 27.6	377

*Each module of every 9PX bundle ships with a 4-post rail kit. ***Terminal block with L6-30P cord.

1. Bundles with 9PXTFMR5 have output frequency of 60 Hz only

Extended battery modules (EBM) and accessories: 5 and 6kVA

Catalog number	Description	Dimensions (HxWxD, in.)	Weight (lb.)
9PXEBM180RT	EBM; includes 4-post rail kit, quick start guide, joining brackets for tower configuration and 1-foot connector cable; add up to 4 EBMs	5.1 (3U) x 17.3 x 25.4	150
EBMCBL180	9PX EBM cable extension 5 and 6 kVA UPS models, 6 feet (1.8 meters)		
CBLADAPT180	Adapter cable from Eaton 9135/MX UPS EBM to 5 and 6 kVA 9PX UPS models		

Extended battery modules (EBM) and accessories: 8 and 11kVA

9PXEBM240RT	EBM; includes 4-post rail kit, quick start guide, joining brackets for tower configuration and 1-foot connector cable. Add up to 5 EBMs with UPS; add up to 12 EBMs with SC240RT	5.1 (3U) x 17.3 x 26.8	143
SC240RT	240V supercharger module to add up to 12 EBMs to 8 and 11 kVA 9PX UPS models. Includes 4-post rail kit.	5.1 (3U) x 17.3 x 26.8	34
EBMCBL240	Cable extension 8 and 11 kVA UPS models, 6 feet (1.8 meters)		
CBLADAPT240	Adapter cable from EX RT UPS EBMs to 8 and 11 kVA 9PX UPS models		

Power distribution and bypass

Catalog number	Description	Compatible 9PX models	Input	Output	Dimensions (HxWxD, in.)	Weight (lb.)
MBP6K208	208V maintenance bypass module	All non split-phase 5 and 6 kVA models	L6-30P***	(2) L6-30R	3U rackmount	9
MBP11K208	208V maintenance bypass module	All non split-phase 8 and 11 kVA models	Hardwired	Hardwired, (3) L6-30R	Rear-mount	15
PW105BA2U420	Basic PDU	9PX5K, 9PX6K, 9PX5KTF5, 9PX6KTF5, 9PX6KP1, 9PX8KTF5, 9PX8K, 9PX11KTF5, 9PX11K	L6-30P	(4) L6-20R	3.5 (2U) x 19.0 x 6.0	10
ePBZ79	Basic PDU	9PX5K, 9PX6K, 9PX5KTF5, 9PX6KTF5, 9PX6KP1, 9PX8KTF5, 9PX8K, 9PX11KTF5, 9PX11K	L6-30P	(16) C13, (4) C19	1.7 (1U) x 17.0 x 5.1	6
EBA201-10	Basic PDU	9PX5KP1, 9PX6KP1, 9PX11KTF11	L14-30P	(24) 5-20R	66.5 (0U) x 2.05 x 2.1	10

***Terminal block with L6-30P cord (included with UPS)

Other hardware accessories

Catalog number	Description	Dimensions (HxWxD, in.)	Weight (lb.)
RK2PC	2-post rail kit for 5 and 6 kVA 9PX models	Fits 2-post racks	5
BINTSYS	Battery integration system and caster kit	7.9 x 20.5 x 31.5	30

To interact with the 9PX UPS, please visit: **Eaton.com/9PX**

Powering Business Worldwide

Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
Eaton.com

© 2021 Eaton
All Rights Reserved
Printed in USA
9PX01FXA / GG
November 2021

Eaton, ABM and Intelligent Power Manager are registered trademarks.

All other trademarks are property of their respective owners.

ENERGY STAR and the ENERGY STAR mark are registered U.S. marks. ENERGY STAR is a registered mark owned by the U.S. government.