

CTO guide

# Eaton 9PXM UPS configuration guide



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solution for a wide range  
of applications.

## 9PXM pre-configured catalog numbers

Eaton 9PXM cabinets can be ordered using pre-configured catalog numbers or by using the configure-to-order (CTO) process. Outlined in the table below, pre-configured catalog numbers include a cabinet with power modules, battery modules and outlet configurations appropriate for the power rating and input/output configurations. To order options not offered by pre-configured catalog numbers, please proceed to the CTO guide on page 6.

### Pre-configured systems with hardwire input and output

Catalog number	Power rating – split-phase	Input connection	Output connection	Dimensions (HxWxD, in.)	Wt. (lb)	Included items	Description	Qty.	List price
9PXM8S4K	4 kVA expandable to 12 kVA (N+X)	Hardwired	Hardwired	25 x 17.5 x 34.5	229	9PXM08AAXXX	Eaton 9PXM tower UPS 8-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$11,918
						9PXMSPPM	Eaton 9PXM split-phase power module 4 kVA	1	
						9PXMBAT	Eaton 9PXM battery module (2 per slot)	2	
						Network-M2	Network-M2 card, mini-slot, ethernet, sensor	1	
9PXM8S8K	8 kVA expandable to 12 kVA (N+X)	Hardwired	Hardwired	25 x 17.5 x 34.5	333	9PXM08AAXXX	Eaton 9PXM tower UPS 8-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$17,084
						9PXMSPPM	Eaton 9PXM split-phase power module 4 kVA	2	
						9PXMBAT	Eaton 9PXM battery module (2 per slot)	4	
						Network-M2	Network-M2 card, mini-slot, ethernet, sensor	1	
9PXM8S12K	12 kVA expandable to 12 kVA (N+1)	Hardwired	Hardwired	25 x 17.5 x 34.5	437	9PXM08AAXXX	Eaton 9PXM tower UPS 8-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$22,250
						9PXMSPPM	Eaton 9PXM split-phase power module 4 kVA	3	
						9PXMBAT	Eaton 9PXM battery module (2 per slot)	6	
						Network-M2	Network-M2 card, mini-slot, ethernet, sensor	1	
9PXM8S16K	16 kVA	Hardwired	Hardwired	25 x 17.5 x 34.5	541	9PXM08AAXXX	Eaton 9PXM tower UPS 8-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$27,461
						9PXMSPPM	Eaton 9PXM split-phase power module 4 kVA	4	
						9PXMBAT	Eaton 9PXM battery module (2 per slot)	8	
						Network-M2	Network-M2 card, mini-slot, ethernet, sensor	1	
9PXM12S8K	8 kVA expandable to 20 kVA (N+X)	Hardwired	Hardwired	36.5 x 17.5 x 34.5	378	9PXM12AAAAA	Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$17,772
						9PXMSPPM	Eaton 9PXM split-phase power module 4 kVA	2	
						9PXMBAT	Eaton 9PXM battery module (2 per slot)	4	
						Network-M2	Network-M2 card, mini-slot, ethernet, sensor	1	
9PXM12S12K	12 kVA expandable to 20 kVA (N+X)	Hardwired	Hardwired	36.5 x 17.5 x 34.5	482	9PXM12AAAAA	Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$22,938
						9PXMSPPM	Eaton 9PXM split-phase power module 4 kVA	3	
						9PXMBAT	Eaton 9PXM battery module (2 per slot)	6	
						Network-M2	Network-M2 card, mini-slot, ethernet, sensor	1	
9PXM12S16K	16 kVA expandable to 20 kVA (N+X)	Hardwired	Hardwired	36.5 x 17.5 x 34.5	586	9PXM12AAAAA	Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$27,416
						9PXMSPPM	Eaton 9PXM split-phase power module 4 kVA	4	
						9PXMBAT	Eaton 9PXM battery module (2 per slot)	8	
						Network-M2	Network-M2 card, mini-slot, ethernet, sensor	1	
9PXM12S20K	20 kVA expandable to 20 kVA (N+1)	Hardwired	Hardwired	36.5 x 17.5 x 34.5	690	9PXM12AAAAA	Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – Convertible to rack mount	1	\$33,270
						9PXMSPPM	Eaton 9PXM split-phase power module 4 kVA	5	
						9PXMBAT	Eaton 9PXM battery module (2 per slot)	10	
						Network-M2	Network-M2 card, mini-slot, ethernet, sensor	1	

## Pre-configured systems with hardwire input and receptacle output

Catalog number	Power rating – split-phase	Input connection	Output connection	Dimensions (HxWxD, in.)	Wt. (lb)	Included items	Description	Qty.	List price
9PXM8S4K-PD	4 kVA expandable to 12 kVA (N+X)	Hardwired	4) 5-20R (2) L6-30R	25 x 17.5 x 34.5	229	9PXM08BHXXX	Eaton 9PXM tower UPS 8-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$12,153
						9PXMSPPM	Eaton 9PXM split-phase power module 4 kVA	1	
						9PXMBAT	Eaton 9PXM battery module (2 per slot)	2	
						Network-M2	Network-M2 card, mini-slot, ethernet, sensor	1	
9PXM8S8K-PD	8 kVA expandable to 12 kVA (N+X)	Hardwired	4) 5-20R (2) L6-30R	25 x 17.5 x 34.5	333	9PXM08BHXXX	Eaton 9PXM tower UPS 8-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$17,319
						9PXMSPPM	Eaton 9PXM split-phase power module 4 kVA	2	
						9PXMBAT	Eaton 9PXM battery module (2 per slot)	4	
						Network-M2	Network-M2 card, mini-slot, ethernet, sensor	1	
9PXM12S8K-PD	8 kVA expandable to 20 kVA (N+X)	Hardwired	(8) 5-20R (2) L6-20R (2) L6-30R (2) L14-30R	36.5 x 17.5 x 34.5	378	9PXM12BBFHJ	Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$18,307
						9PXMSPPM	Eaton 9PXM split-phase power module 4 kVA	2	
						9PXMBAT	Eaton 9PXM battery module (2 per slot)	4	
						Network-M2	Network-M2 card, mini-slot, ethernet, sensor	1	
9PXM12S12K-PD	12 kVA expandable to 20 kVA (N+X)	Hardwired	(8) 5-20R (2) L6-20R (2) L6-30R (2) L14-30R	36.5 x 17.5 x 34.5	482	9PXM12BBFHJ	Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$23,473
						9PXMSPPM	Eaton 9PXM split-phase power module 4 kVA	3	
						9PXMBAT	Eaton 9PXM battery module (2 per slot)	6	
						Network-M2	Network-M2 card, mini-slot, ethernet, sensor	1	
9PXM12S16K-PD	16 kVA expandable to 20 kVA (N+X)	Hardwired	(8) 5-20R (2) L6-20R (2) L6-30R (2) L14-30R	36.5 x 17.5 x 34.5	586	9PXM12BBFHJ	Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$28,639
						9PXMSPPM	Eaton 9PXM split-phase power module 4 kVA	4	
						9PXMBAT	Eaton 9PXM battery module (2 per slot)	8	
						Network-M2	Network-M2 card, mini-slot, ethernet, sensor	1	
9PXM12S20K-PD	20 kVA expandable to 20 kVA (N+1)	Hardwired	(8) 5-20R (2) L6-20R (2) L6-30R (2) L14-30R	36.5 x 17.5 x 34.5	690	9PXM12BBFHJ	Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$33,805
						9PXMSPPM	Eaton 9PXM split-phase power module 4 kVA	5	
						9PXMBAT	Eaton 9PXM battery module (2 per slot)	10	
						Network-M2	Network-M2 card, mini-slot, ethernet, sensor	1	

# Configuring your 9PXM UPS

Select a CTO number to reflect the cabinet style, isolation requirements, input/output configurations and branding options for both standard and OEM applications. Make selections in sequential order.

As you select options, they will become part of the CTO number.

**Sample CTO number: 9PXM08AAXXX**

Power modules, battery modules, external battery cabinets, bypass switches and other external options will need to be ordered as separate line items.

## Base unit

### Base model

9PXM

### CTO order

9PXM

## Cabinet style

### Cabinet size

8-slot cabinet

08

\$5,747

12-slot cabinet

12

\$6,390

## Output connections

The output connection configuration is determined by five digits with the CTO number. A maximum of five different types of output receptacles can be selected.

- Eight-slot chassis (maximum 2 bays)
- Twelve-slot chassis (maximum 5 bays)
- Outlet quantities per panel are pre-set (e.g., CTO code B below is for four 5-20R)
- Enter desired outlet configuration from bottom to top (digit 9 of the CTO number will be installed in the bottom outlet panel, digit 10 in the panel above it, etc.)
- For an eight-slot chassis, digits 9-11 will always be XXX (e.g., BEXXX)

### Cabinet size

Blank

0

### CTO order code

A

### Option price per panel

\$0

5-20R

4

B

\$85

C13

8

C

\$100

C19

4

D

\$100

L5-20R

2

E

\$100

L6-20R

2

F

\$135

L5-30R

2

G

\$130

L6-30R

2

H

\$150

L14-30R

2

J

\$135

IEC309

1

K

\$80

### Designated slot

### Output connection (digits 7-11)

1 Bottom slot

2

3

1

4

1

5 Top slot<sup>1</sup>

1

1. Not available on 8-slot models. Digit is always "X".

## Non CTO options

Power modules, battery modules, external battery cabinets, bypass switches and other external options are not a part of the CTO number and need to be ordered as separate line items.

### Power modules

Type	Description	Catalog number	List price
Split-phase	4 kVA/ 3.6 kW	9PXMSPPM	\$3,858

### Batteries and battery accessories

Option	Catalog number	List price
Battery module (two required per slot)	9PXMBAT	\$654
20-amp optional charger module <sup>1</sup>	9PXMCHGR	\$3,713
8-slot external battery enclosure – black	9PXM08SEBM	\$5,195
12-slot external battery enclosure – black	9PXM12SEBM	\$6,078
8-slot connected external battery enclosure – black	9PXM08SEBM-C	\$6,566
12-slot connected external battery enclosure – black	9PXM12SEBM-C	\$7,449

1. Same form factor as power module.

### External bypass power module

Chassis description	Receptacle configuration	Catalog number	List price
125A	None	BPM125HW	\$2,609
	(6) L14-30R	BPM125AR	\$3,845
	(3) L14-30R and (3) L6-20R	BPM125BR	\$3,845
	(6) C19 and (3) L14-30R	BPM125CR	\$3,845
	(6) 5-20R <sup>1</sup> and (3) L14-30R	BPM125DR	\$3,845
	(6) 5-20R <sup>1</sup> and (3) L6-30R	BPM125ER	\$3,845
	(3) L6-30R and (3) L6-20R	BPM125FR	\$3,845

1. Three duplexes.

### Other external options

Option	Catalog number	List price
Rackmount kit	9PXM RK	\$689
Floor anchoring kits	9PXMFAK	\$400

### Communication options

Option	Catalog number	List price
Network card	Network-M2	\$435
Relay card	Relay-MS	\$148

# The cabinet CTO worksheet

Item	UPS CTO order code					Extended list price	Discount	Net price
9PXM base	<b>9PXM</b>							
Number of slots								
Output connections								
Cabinet color								
<b>Complete CTO number</b>	<b>9PXM</b>							
<b>Cabinet subtotal</b>								
Other components				Part #	Qty.	Extended list price	Discount	Net price
Power modules				<b>9PXMSPPM</b>				
Battery modules (2 per slot required)				<b>9PXMBAT</b>				
20-amp optional charger				<b>9PMXCHGR</b>				
External battery cabinet						Extended list price	Discount	Net price
Battery cabinet selected:								
External maintenance bypass switch						Extended list price	Discount	Net price
External maintenance bypass switch selected:								
Other options				Part #		Extended list price	Discount	Net price
Rackmount kit				<b>9PXM<sup>MRK</sup></b>				
Floor anchoring kit				<b>9PXM<sup>MAK</sup></b>				
<b>Subtotal</b>								
Special instructions:						Freight		
						Insurance		
						Tax/duty		
						<b>Quote total</b>		



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