

CTO guide

Eaton 9PXM UPS configuration guide



EATON

Powering Business Worldwide

A scalable, modular, flexible
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	\$13,358
						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	\$19,177
						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	\$24,996
						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	\$30,815
						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	\$19,951
						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	\$25,770
						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	\$31,589
						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	\$37,408
						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	\$13,593
						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	\$19,412
						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	\$20,486
						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	\$26,305
						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	\$32,124
						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	\$37,943
						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

\$6,909

12-slot cabinet

12

\$7,683

Output connections

Output connection configuration is designated by five digits within the unit CTO number allow you to select up to a maximum of five different types of receptacles.

- 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 (ex: 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

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	\$4,377

Batteries and battery accessories

Option	Catalog number	List price
Battery module (two required per slot)	9PXMBAT	\$721
20-amp optional charger module ¹	9PXMCHGR	\$4,172
8-slot external battery enclosure – black	9PXM08SEBM	\$5,837
12-slot external battery enclosure – black	9PXM12SEBM	\$6,830
8-slot connected external battery enclosure – black	9PXM08SEBM-C	\$7,378
12-slot connected external battery enclosure – black	9PXM12SEBM-C	\$8,370

1. Same form factor as power module.

External bypass power module Price effective October 15, 2023

Chassis description	Receptacle configuration	Catalog number	List price
125A	None	BPM125HW	\$2,932
	(6) L14-30R	BPM125AR	\$4,321
	(3) L14-30R and (3) L6-20R	BPM125BR	\$4,321
	(6) C19 and (3) L14-30R	BPM125CR	\$4,321
	(6) 5-20R ¹ and (3) L14-30R	BPM125DR	\$4,321
	(6) 5-20R ¹ and (3) L6-30R	BPM125ER	\$4,321
	(3) L6-30R and (3) L6-20R	BPM125FR	\$4,321

1. Three duplexes.

Other external options

Option	Catalog number	List price
Rackmount Kit	9PXM RK	\$775
Floor anchoring kits	9PXMFAK	\$450

Communication options Price effective October 15, 2023

Option	Catalog number	List price
Network card	Network-M2	\$455
Relay card	Relay-MS	\$154

The cabinet CTO worksheet

Item	UPS CTO order code					Extended list price	Discount	Net price
9PXM base	9PXM							
Number of slots								
Output connections								
Cabinet color								
Complete CTO number	9PXM							
Cabinet subtotal								
Other components				Part #	Qty.	Extended list price	Discount	Net price
Power modules				9PXMSPPM				
Battery modules (2 per slot required)				9PXMBAT				
20-amp optional charger				9PMXCHGR				
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				9PXM RK				
Floor anchoring kit				9PXM AK				
Subtotal								
Special instructions:						Freight		
						Insurance		
						Tax/duty		
						Quote total		