

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	\$9,535
						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	\$13,634
						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	\$17,733
						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	\$21,832
						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	\$14,183
						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	\$18,282
						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	\$22,381
						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	\$26,480
						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	\$9,770
						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	\$13,869
						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	9PXM12BBFHK	Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$14,718
						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	9PXM12BBFHK	Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$18,817
						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	9PXM12BBFHK	Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$22,916
						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	9PXM12BBFHK	Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount	1	\$27,015
						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	CTO order
9PXM	9PXM

## Cabinet style

Cabinet size	CTO order	Base price
8-slot cabinet	08	\$4,911
12-slot cabinet	12	\$5,460

## 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	Outlets per panel	CTO order code	Option price per panel
Blank	0	A	\$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	\$3,049

### Batteries and battery accessories

Option	Catalog number	List price
Battery module (two required per slot)	9PXMBAT	\$525
20-amp optional charger module <sup>1</sup>	9PXMCHGR	\$3,025
8-slot external battery enclosure – black	9PXM08SEBM	\$4,515
12-slot external battery enclosure – black	9PXM12SEBM	\$5,250

1. Same form factor as power module.

### External bypass power module Price effective September 6, 2018

Chassis description	Receptacle configuration	Catalog number	List price
125A	None	BPM125HW	\$2,001
	(6) L14-30R	BPM125AR	\$2,952
	(3) L14-30R and (3) L6-20R	BPM125BR	\$2,952
	(6) C19 and (3) L14-30R	BPM125CR	\$2,952
	(6) 5-20R <sup>1</sup> and (3) L14-30R	BPM125DR	\$2,952
	(6) 5-20R <sup>1</sup> and (3) L6-30R	BPM125ER	\$2,952
	(3) L6-30R and (3) L6-20R	BPM125FR	\$2,952

1. Three duplexes.

### Other external options

Option	Catalog number	List price
Rackmount Kit	9PXMURK	\$549
Floor anchoring kits	9PXMFAK	\$328

### Communication options Price effective September 6, 2018

Option	Catalog number	List price
Network card	Network-M2	\$379
Relay card	Relay-MS	\$128
Industrial relay card	Modbus-MS	\$428

# 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 RK</b>				
Floor anchoring kit					<b>9PXM AK</b>				
<b>Subtotal</b>									
Special instructions:							Freight		
							Insurance		
							Tax/duty		
							<b>Quote total</b>		



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Configuration Guide TD153027EN / GG  
June 2019

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