

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 | \$9,279 |
| | | | | | | 9PXMSPPM | Eaton 9PXM split-phase power module 4 kVA | 1 | |
| | | | | | | 9PXMBAT | Eaton 9PXM battery module (2 per slot) | 2 | |
| | | | | | | Network-MS | Network-MS 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 | \$13,318 |
| | | | | | | 9PXMSPPM | Eaton 9PXM split-phase power module 4 kVA | 2 | |
| | | | | | | 9PXMBAT | Eaton 9PXM battery module (2 per slot) | 4 | |
| | | | | | | Network-MS | Network-MS 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 | \$17,357 |
| | | | | | | 9PXMSPPM | Eaton 9PXM split-phase power module 4 kVA | 3 | |
| | | | | | | 9PXMBAT | Eaton 9PXM battery module (2 per slot) | 6 | |
| | | | | | | Network-MS | Network-MS 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 | \$21,396 |
| | | | | | | 9PXMSPPM | Eaton 9PXM split-phase power module 4 kVA | 4 | |
| | | | | | | 9PXMBAT | Eaton 9PXM battery module (2 per slot) | 8 | |
| | | | | | | Network-MS | Network-MS 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 | 9PXM12AAXXX | Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount | 1 | \$13,867 |
| | | | | | | 9PXMSPPM | Eaton 9PXM split-phase power module 4 kVA | 2 | |
| | | | | | | 9PXMBAT | Eaton 9PXM battery module (2 per slot) | 4 | |
| | | | | | | Network-MS | Network-MS 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 | 9PXM12AAXXX | Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount | 1 | \$17,906 |
| | | | | | | 9PXMSPPM | Eaton 9PXM split-phase power module 4 kVA | 3 | |
| | | | | | | 9PXMBAT | Eaton 9PXM battery module (2 per slot) | 6 | |
| | | | | | | Network-MS | Network-MS 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 | 9PXM12AAXXX | Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – convertible to rackmount | 1 | \$21,945 |
| | | | | | | 9PXMSPPM | Eaton 9PXM split-phase power module 4 kVA | 4 | |
| | | | | | | 9PXMBAT | Eaton 9PXM battery module (2 per slot) | 8 | |
| | | | | | | Network-MS | Network-MS 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 | 9PXM12AAXXX | Eaton 9PXM tower UPS 12-slot chassis 110V/220V, 120V/208V, 120V/240V, 127V/220V – Convertible to rack mount | 1 | \$25,984 |
| | | | | | | 9PXMSPPM | Eaton 9PXM split-phase power module 4 kVA | 5 | |
| | | | | | | 9PXMBAT | Eaton 9PXM battery module (2 per slot) | 10 | |
| | | | | | | Network-MS | Network-MS 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 | \$9,514 |
| | | | | | | 9PXMSPPM | Eaton 9PXM split-phase power module 4 kVA | 1 | |
| | | | | | | 9PXMBAT | Eaton 9PXM battery module (2 per slot) | 2 | |
| | | | | | | Network-MS | Network-MS 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 | \$13,553 |
| | | | | | | 9PXMSPPM | Eaton 9PXM split-phase power module 4 kVA | 2 | |
| | | | | | | 9PXMBAT | Eaton 9PXM battery module (2 per slot) | 4 | |
| | | | | | | Network-MS | NetworkK-MS 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 rack mount | 1 | \$14,402 |
| | | | | | | 9PXMSPPM | Eaton 9PXM split-phase power module 4 kVA | 2 | |
| | | | | | | 9PXMBAT | Eaton 9PXM battery module (2 per slot) | 4 | |
| | | | | | | Network-MS | Network-MS 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 | \$18,441 |
| | | | | | | 9PXMSPPM | Eaton 9PXM split-phase power module 4 kVA | 3 | |
| | | | | | | 9PXMBAT | Eaton 9PXM battery module (2 per slot) | 6 | |
| | | | | | | Network-MS | NetworkK-MS 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 | \$22,480 |
| | | | | | | 9PXMSPPM | Eaton 9PXM split-phase power module 4 kVA | 4 | |
| | | | | | | 9PXMBAT | Eaton 9PXM battery module (2 per slot) | 8 | |
| | | | | | | Network-MS | Network-MS 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 | \$26,519 |
| | | | | | | 9PXMSPPM | Eaton 9PXM split-phase power module 4 kVA | 5 | |
| | | | | | | 9PXMBAT | Eaton 9PXM battery module (2 per slot) | 10 | |
| | | | | | | Network-MS | Network-MS 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 – (digits 5–6) | 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 – (digits 5–6) | 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 | \$2,989 |

Batteries and battery accessories

| Option | Catalog number | List price |
|---------------------------------------------|----------------|------------|
| Battery module (two required per slot) | 9PXMBAT | \$525 |
| 20-amp optional charger module ¹ | 9PXMCHGR | \$2,520 |
| 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 ¹ and (3) L14-30R | BPM125DR | \$2,952 |
| | (6) 5-20R ¹ 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 | 9PXM RK | \$549 |
| Floor anchoring kits | 9PXMFAK | \$328 |

Communication options Price effective September 6, 2018

| Option | Catalog number | List price |
|-----------------------|----------------|------------|
| Network card | Network-MS | \$329 |
| Relay card | Relay-MS | \$111 |
| Industrial relay card | Modbus-MS | \$372 |

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 | | |



Eaton
 1000 Eaton Boulevard
 Cleveland, OH 44122
 United States
 Eaton.com

© 2018 Eaton
 All Rights Reserved
 Configuration Guide TD153027EN / GG
 September 2018

To learn more, visit Eaton.com/9PXM

Eaton is a registered trademark.
 All other trademarks are property of their respective owners.

Follow us on social media to get the latest product and support information.

