

Eaton 93PM accessories – distribution

With an understanding that UPS system designs often require flexibility to fit a wide array of customer needs, Eaton offers a variety of distribution accessories as part of the 93PM UPS portfolio of solutions. Below is information on Eaton's sidecar accessory options and standalone accessory cabinets, many of which are line-and-match designs with factory-provided interconnect cabling to make installation quick and easy.

Sidecar accessory options (attached to UPS)



Sidecar integrated accessory cabinet – Bypass (SIAC-B)

The optional bypass sidecars provides flexible system configurations for customers looking for a slim line-and-match bypass and can be paired with 93PM UPS models up to 200 kW. SIAC-B cabinets are standalone accessory cabinets that allow the UPS to be removed while maintaining the critical load. The SIAC-B can be selected in 2, 3, or 4 breaker configurations and can be mounted to the left or the right of the UPS.

	Dimensions	Height x depth x width
A	8" SIAC-B 480V 50/100 kW	74" x 42" x 8"
B	14.7" SIAC-B 480V 150/200kW	74" x 42" x 14.7"
C	12.5" SIAC-B 208V 60/120kW	74" x 42" x 12.5"

^{*480}V models can be used at 380, 400, and 415V. Likewise, 208V models can be used at 220V



Sidecar integrated accessory cabinet – Top Entry (SIAC-TE)

The optional top entry sidecars provide a top entry cable wireway for customer connections to and from the 93PM UPS and can be paired with 93PM models up to 150 kW. The SIAC-TE cabinet does not contain a MBS and can be mounted to the left or the right of the UPS, similar to the SIAC-B option.

	Dimensions	Height x depth x width
D	8" SIAC-TE 480V 50/100/150 kW	74" x 42" x 8"
E	8" SIAC-TE 208V 60 kW	74" x 42" x 8"
Œ	12.5" SIAC-TE 208V 120kW	74" x 42" x 12.5"

^{*480}V models can be used at 380, 400, and 415V. Likewise, 208V models can be used at 220V

Sidecar integrated accessory cabinet – Tie (SIAC-T and IAC-T)

For customers wishing to parallel multiple UPSs together, look no further than the line-and-match tie cabinet accessories. Eaton offers both a slim sidecar option, factory cabled and attached to the UPS, paralleling up to two 50 kW or 100 kW UPSs. Go bigger with our standalone IAC-T solution that offers paralleling up to four UPSs.

	Dimensions	Height x depth x width	Distribution options
G	SIAC-T 480V 50/100 kW	74" x 42" x 14.7"	Up to 2 in parallel
	IAC-T 480V 50/100 kW	74" x 42" x 19.7"	Up to 4 in parallel
9	IAC-T 480V 150/200kW	74" x 42" x 19.7"	Up to 2 in parallel

^{*}Only available for 3-wire 480V 93PM UPS models





^{**480}V UPS models above 150 kW and 208V UPS models above 120 kW come standard with top entry available, and therefore do not require this additional accessory for top entry

Standalone accessory cabinets













Integrated accessory cabinet – Bypass / Bypass Distribution (IAC-B & IAC-BD)

For our larger UPS models, Eaton offers standalone, line-and-match bypass options. These larger cabinets provide an aesthetically pleasing bypass solution, supporting 2, 3, and 4 breaker configurations with an optional solenoid key release unit (SKRU). Additionally, the IAC-BD allows customers to include up to four subfeed distribution breakers in the cabinet. These IAC-B/BD cabinets can be located on either side of the UPS, adding greater flexibility to site design requirements.

	Dimensions	height x depth x width	MBP option	Distribution option
H	IAC-B 480V 400 kW	74" x 42" x 19.7"	2 or 3 breaker	Up to 4 subfeed breakers
Ō	IAC-BD 480V 400kW	74" x 42" x 31.3"	2 or 3 breaker	Up to 4 subfeed breakers
J	IAC-B 208V 160/200kW	74" x 42" x 31.3"	2, 3 or 4 breaker	None

^{*480}V models can be used at 380, 400, and 415V. Likewise, 208V models can be used at 220V

Integrated accessory cabinet – Power Distribution (IAC-PD)

Sometimes our customers just want a distribution option, and we designed the IAC-PD to support this need. Whether a customer wants to use it in 480V or 208V applications, this cabinet provides that flexibility. The IAC-PD allows customers to configure 42-pole panelboards, subfeed breakers, or a combination of the two to mix and match for the right solution.

	Dimensions	height x depth x width
K	Up to 400kW	74" x 42" x 31.3"

Integrated accessory cabinet – Distribution (IAC-D)

The IAC-D cabinet was designed to provide step-down voltage transformation on the secondary side of the UPS and distribute power to critical loads from there. With standard K1 or K13 transformer options and flexibility for a single output or true distribution, the IAC-D offers a solution for everyone. Similar to the IAC-PD, customers who want true distribution may add panelboards, subfeed breakers, or mix and match to find the right combination to meet their needs.

	Dimensions	height x depth x width	Models
•	480:208Y/120V	74" x 42" x 31.3"	Up to 200kW, 480V 3W UPS models only
	208:208Y/120V	74" x 42" x 31.3"	Up to 100kW 480V 3W UPS models only

Wall-mounted panelboard or floor mounted switchboard MBP and Tie options

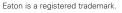
Eaton offers a wide array of power distribution options in either UL 67 panelboards construction or UL 891 switchboard construction as well. The standard offering allows for 2, 3, or 4 breaker MBPs or parallel tie cabinets that support up to four UPSs in parallel. Additionally, Eaton's distribution expertise can be used to customize a solution to meet any project's requirements.. For more information, please contact your sales person.

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