

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)



A B C

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" |

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



D E F

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" |
| F 12.5" SIAC-TE 208V 120kW | 74" x 42" x 12.5" |

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

**480V 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



G

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 |
|-----------------------|------------------------|----------------------|
| 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 |
| 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



Powering Business Worldwide

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 |
| I | 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 |

*480V 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 |
|----------|---------------|------------------------|--------------------------------------|
| L | 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

M 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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