

**FIELD INSTALLATION OF STYLE-5018 ENCLOSURE  
23in/584mm EIA RELAY RACK-MTG BRACKETS (EI0193-03)**

**BACKGROUND**

AT10.1 and AT30 battery chargers built into NEMA-1 Style-5018 enclosures can be installed into relay racks which feature standard 23in/584mm EIA hole spacing. A separate accessory (EI0193-03) is required to rack-mount the Style-5018 enclosure, which is normally floor-mounted.

**PREPARATION**

Standard hand tools are required. When rack mounting the AT Series Style-5018 enclosure, you must consider the following:

1. The rack must be strong enough to properly support the weight of the AT10.1 or AT30. See the Weight Table located in Section 1.4 of the AT Series battery charger Operating and Service Instructions.
2. Note placement of conduit entrances. Make sure the knockouts on the sides the Style-5018 enclosure are accessible after it rack mounted.
3. The location:
  - should be between 32-122° F / 0-50° C, with relative humidity between 5 and 95% non-condensing
  - must be free of flammable or explosive materials
4. Maintain at least 6in / 152mm of free air on top, bottom and both sides for cooling air.
5. Allow 36in / 914mm front clearance for access to the charger for operation and maintenance.

**PROCEDURE**

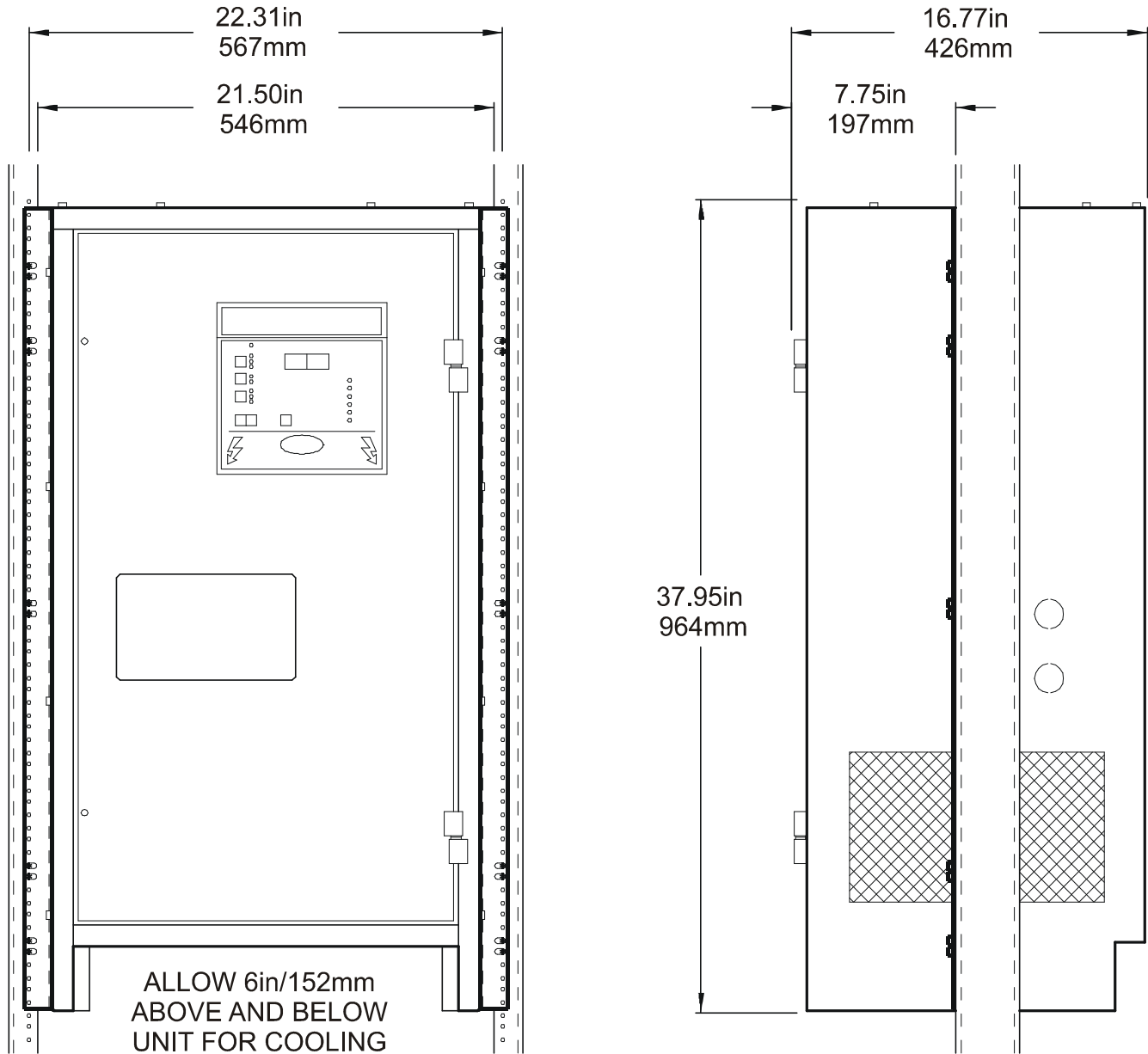
To rack mount the AT Series Style-5018 enclosure, first install the rack-mounting brackets onto the sides of the enclosure using the supplied hardware. Use the four (4) small, pre-fab knockouts supplied vertically along each side of the enclosure. Second, install the Style-5018 enclosure, with brackets, into the rack.

Adjust the enclosure vertically in the rack to line up with mounting holes. Provide at least 6in / 152mm of free air space above and below the AT Series charger enclosure in the rack for cooling. Mount with 1/4-20 hardware and tighten securely.

See the diagram on the back side of this instruction for Style-5018 enclosure rack-mounting configuration and dimensions.

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**MOUNTING DIMENSIONS**



**NOTES**

- 1) Units are installed from the front.
- 2) Refer to the outline drawings in Appedix C of the AT Series battery charger Operating and Service Instructions for Style-5018 enclosure dimensions.