

BACKGROUND

ATevo battery chargers built into NEMA-1 Style-5070 enclosures can be installed into relay racks which feature standard 23in/584mm EIA hole spacing. A separate accessory (**EI0193-51**) is required to rack-mount the Style-5070 enclosure, which is normally floor-mounted.

PREPARATION

Standard hand tools are required. When rack mounting the AT Series Style-5070 enclosure, consider the following:

- The rack must be strong enough to properly support the weight of the ATevo. See the Weight Table located in Section 1.6.1 of the ATevo Series battery charger Operating and Service Instructions.
- Note placement of conduit entrances. Make sure the knockouts on the sides the Style-5070 enclosure are accessible after it is rack mounted.
- 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
- Maintain at least 6in / 152mm of free air on top, bottom and both sides for venting.
- Allow 36in / 914mm front clearance for access to the charger for operation and maintenance.
- Mounting hardware for attaching the charger w/ brackets to the relay rack is **not supplied** by the charger manufacturer.

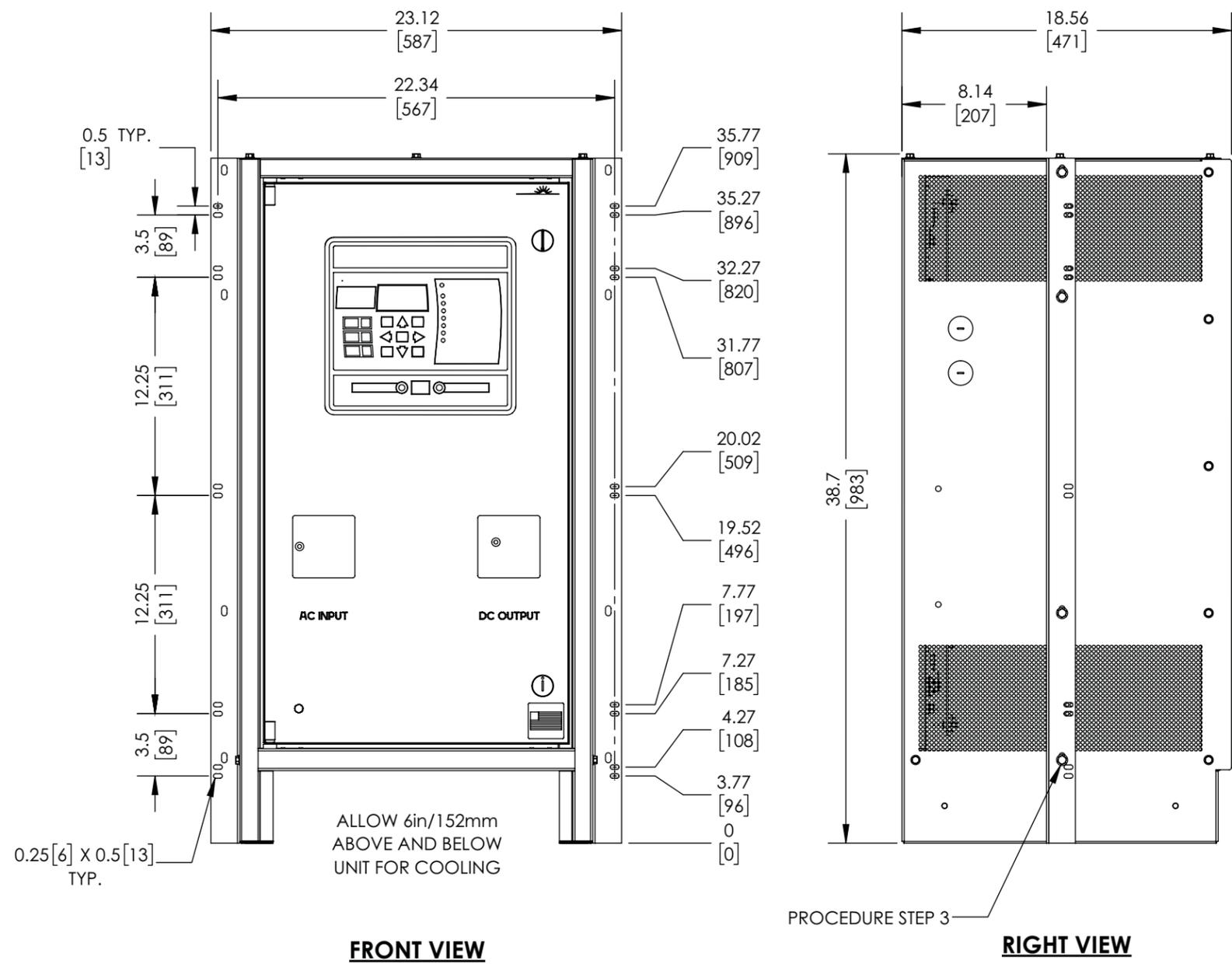
PROCEDURE

See the diagram to the right for Style-5070 enclosure rack-mounting configuration and dimensions. Follow the directions below.

- Install the rack-mounting brackets onto the sides of the Style-5070 enclosure using the supplied hardware.
- Use the three (3) small, pre-fab knockouts supplied vertically along each side of the enclosure.
- Remove the bottom center hardware on each side, and replace with provided hardware.
- Insert the Style-5070 enclosure, with brackets, into the EIA rack.
- Adjust the enclosure vertically in the rack to line up with the mounting holes.
- Provide at least 6in / 152mm of free air space above and below the ATevo Series charger enclosure in the rack for venting.
- Mount the charger to the rack with **user-supplied** hardware and tighten securely.

NOTES

- Units are installed from the front.
- Refer to the outline drawings in Appendix B of the ATevo Series battery charger Operating and Service Instructions for Style-5070 enclosure dimensions.



DUAL DIMENSIONS in mm

REV. 0	DRN BY MS	CHK BY MS	APP BY @	DATE 09/24/21	DRN BY MS	DATE 09/08/21	TITLE FIELD INSTALLATION OF STYLE 5070 ENCLOSURE 23in/584mm EIA RELAY RACK-MTG BRACKETS	SCALE A	DWG No JA0091-53	REV. 0	SHEET 1 OF 1
DESCRIPTION Initial Release					CHK BY MS	DATE 09/24/21					
					APP BY @	DATE 09/27/21					
					UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS FOLLOW THE ANSI SYSTEM IPS (INCHES-POUNDS & SECONDS) TOLERANCES ARE: FRAC. ±1/64, DEC. ±0.15, ANG ±.25°						