



ME-CB

Conduit Box



Installation Guide

Dimensions/Knockouts

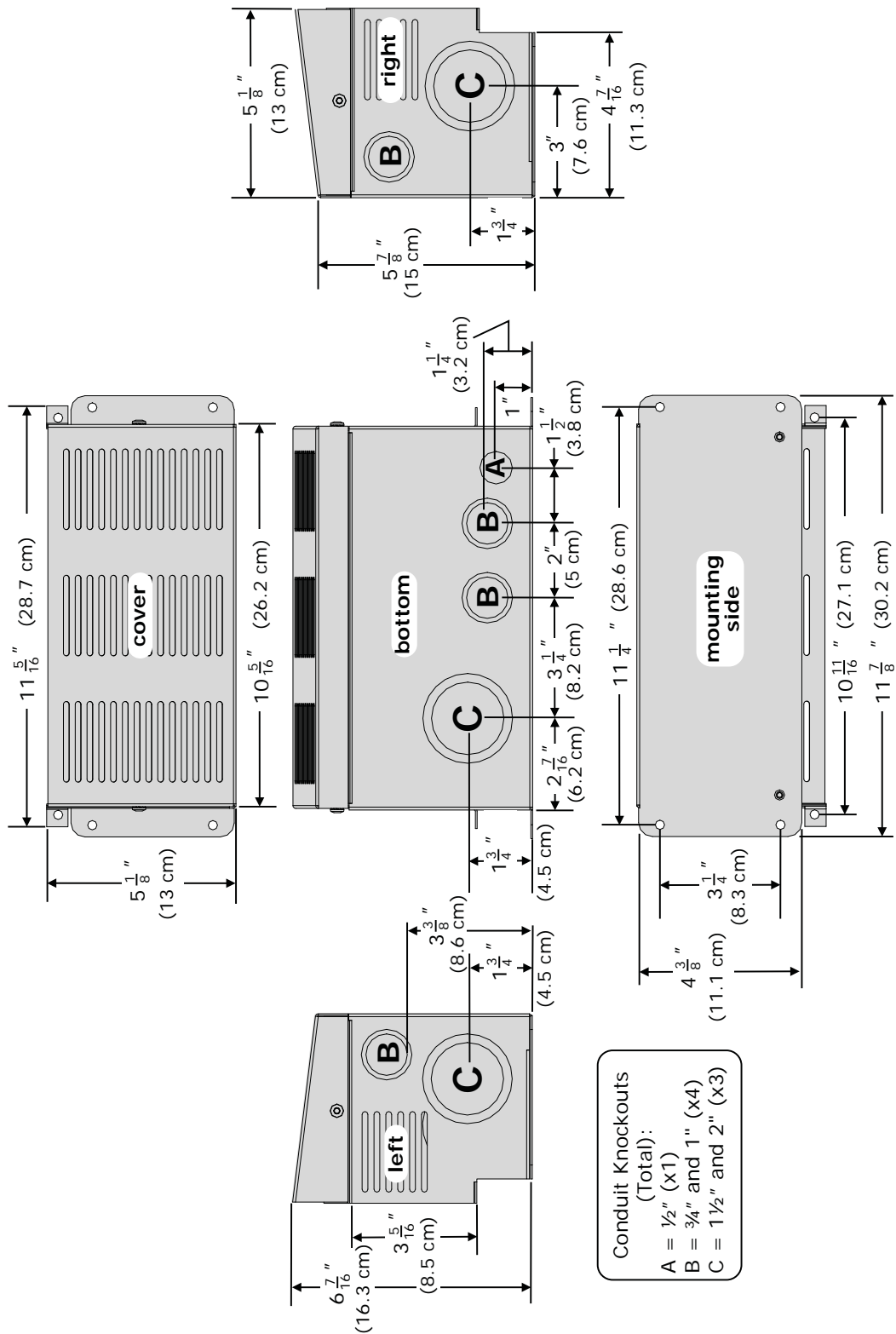


Figure 1, ME-CB Dimensions and Knockouts

Introduction

The ME-CB conduit box fits on the front side of all large Magnum Energy inverters/chargers, and accommodates installations where the electrical code requires AC and/or DC wiring to be enclosed/protected by conduit.

Installation



WARNING: The inverter uses power from both AC and DC sources. Before beginning this installation, ensure all AC power (utility/generator) and any negative/positive battery cables are safely disconnected from the inverter.

Refer to Figure 2 for the following steps:

1. Detach the conduit box's cover by removing the two #10 - 1/2" Phillips screws that hold it to the conduit box frame.
2. Determine the AC and DC wiring thru the conduit box, and then remove the appropriate knockouts. Attach the corresponding strain reliefs.
3. On the inverter, remove the two #25 Torx screws that hold the inverter cover—both are located on the inverter's front side.
4. Align the conduit box frame with the front side of the inverter, and then place the holding tabs located on each side of the conduit box over the screw openings from which the #25 Torx screws were removed in Step 3.
5. Attach the conduit box frame to the inverter using those same two #25 Torx screws that were removed from the inverter cover (Step 3).
6. Secure the conduit box mounting flanges (x4)—preferably to the same mounting surface used for the inverter.
7. Route the AC/DC wiring through the appropriate knockouts/strain reliefs on the conduit box, and then connect per your inverter's instructions.
8. After ensuring all electrical and hardware connections are correct and secure, attach the conduit box cover to the conduit box frame using the two screws removed in Step 1.
9. Apply power to the inverter and test for proper operation.

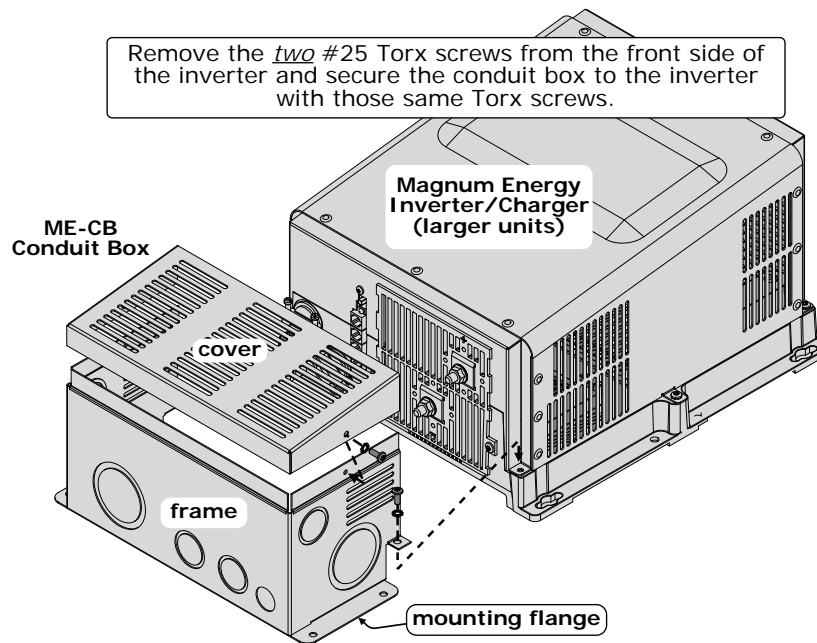


Figure 2, ME-CB Installation

