

Introduction

The BP-MMP is a single-piece, powder-coated steel backplate designed to accommodate the MMP enclosure, a Magnum inverter, and the inverter hood together; making the complete system appear more seamless. This backplate also provides the necessary requirement to provide a noncombustible mounting surface required when mounting the inverter on a wall. Designed with PEM (i.e. internally threaded) nuts, the backplate is shipped with ten ¼-20 x ¾" Hex head bolts for mounting the MMP enclosure, a Magnum inverter, and the inverter hood.

Installation

Mount the backplate to the wall using appropriate hardware (not supplied). The mounting holes on this backplate are spaced to accommodate wall studs that are placed 16" on center. If the mounting holes don't fall on wall studs, you can attach a sheet of plywood or APA rated sheathing on the wall. The backplate weights 10.5 lbs. (4.8 kg) and with the MMP enclosure, inverter, and inverter hood the total weight could be as much as 100 lbs. (45 kg), so ensure the backplate is securely mounted.

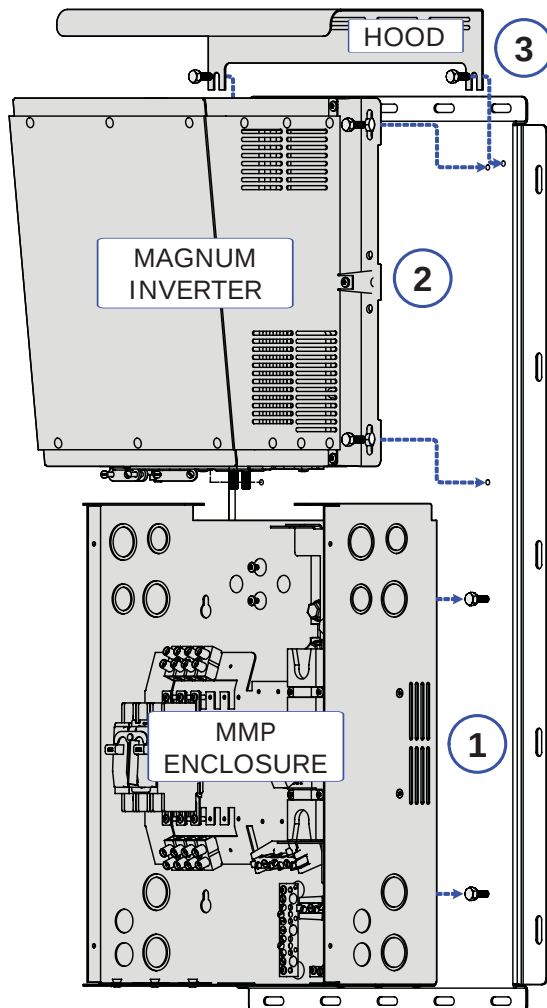


Figure 1, Installing Components on the BP-MMP

Instructions for Installing Components onto the MMP Backplate:

After the backplate is securely mounted, use the ten Hex head bolts (supplied) and the steps below to mount the MMP enclosure (first), the Magnum inverter (second), and the inverter hood (last) to the backplate; refer to Figure 1.

1 Mounting the MMP Enclosure

- Take four of the Hex head bolts and screw them in halfway into the backplate in the location that the MMP enclosure will be mounted.
- Hang the MMP enclosure onto the four Hex head bolts using the MMP enclosure's keyhole slots.
- Tighten the Hex head bolts to secure the MMP enclosure onto the backplate.

2 Mounting the Magnum Inverter

- Ensure the top plate of the MMP enclosure is removed and place the Magnum inverter into the top of the MMP enclosure.
- Secure the Magnum inverter to the backplate with four more of the Hex head bolts using the inverter's keyhole slots.
- Tighten the Hex head bolts to secure the Magnum inverter onto the backplate.

3 Mounting the Inverter Hood

- Screw the last two Hex head bolts halfway into the inverter hood location on the backplate.
- Place the inverter hood on these screws and tighten securely.

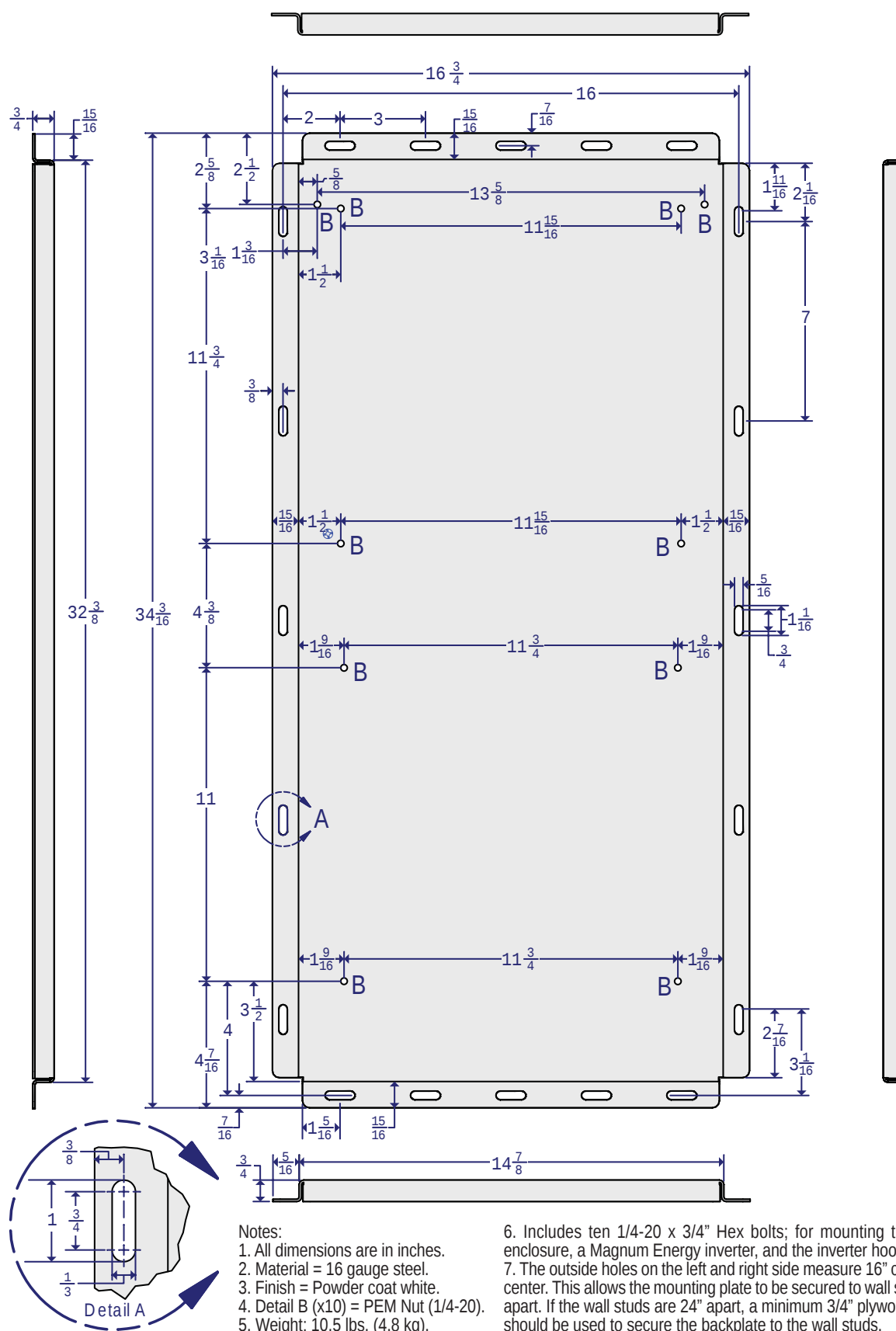


Figure 2, MMP Backpanel Dimensions