

Power Xpert Solar 250 kW inverter handling and mechanical dimensions

Power Xpert Solar 250 kW inverter handling information

The intent of this technical document is to provide the relevant parties the required information for handling the inverter and mechanical layout dimensions for the pad mounting options.

Dimensions and other requirements (as shipped)

- Height: 105 in (8 ft 9 in)
- Length: 108 in (9 ft)
- Depth: 60 in (5 ft)
- Weight: 4000 lbs
- Vertical center of Mass (CG or center of gravity) from ground: 36 in (3 ft)
- Side loading: Fork pockets located in center cabinet at bottom (**Figure 1**)
 - Load center: 30 in (2 ft 6 in)
 - Load moment: 120,000 in-lbs
- End loading (**Figure 2**)
 - Load center: 54 in (4 ft 6 in).
 - Load moment: 216,000 in-lbs
- Storage temperature range: -22° to 158°F (-30° to 70°C)
- Storage conditions: 0–95% humidity, non-condensing
- Do not stack or drop
- Do not store on unstable ground or unlevel surfaces

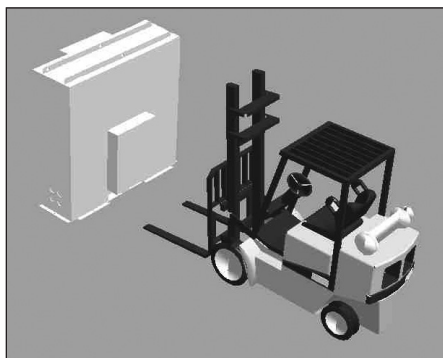


Figure 1. Side Load Lifting

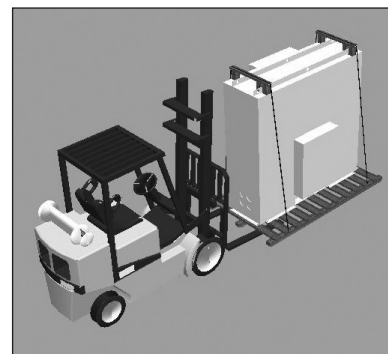


Figure 2. End Load Skidding or Lifting

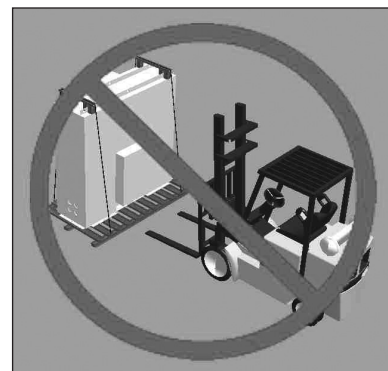


Figure 3. Side Load Lifting—not Permitted on Skid

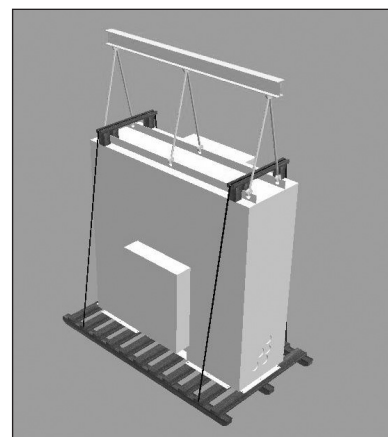


Figure 4. Crane Lifting—only with Load Spreading Bar

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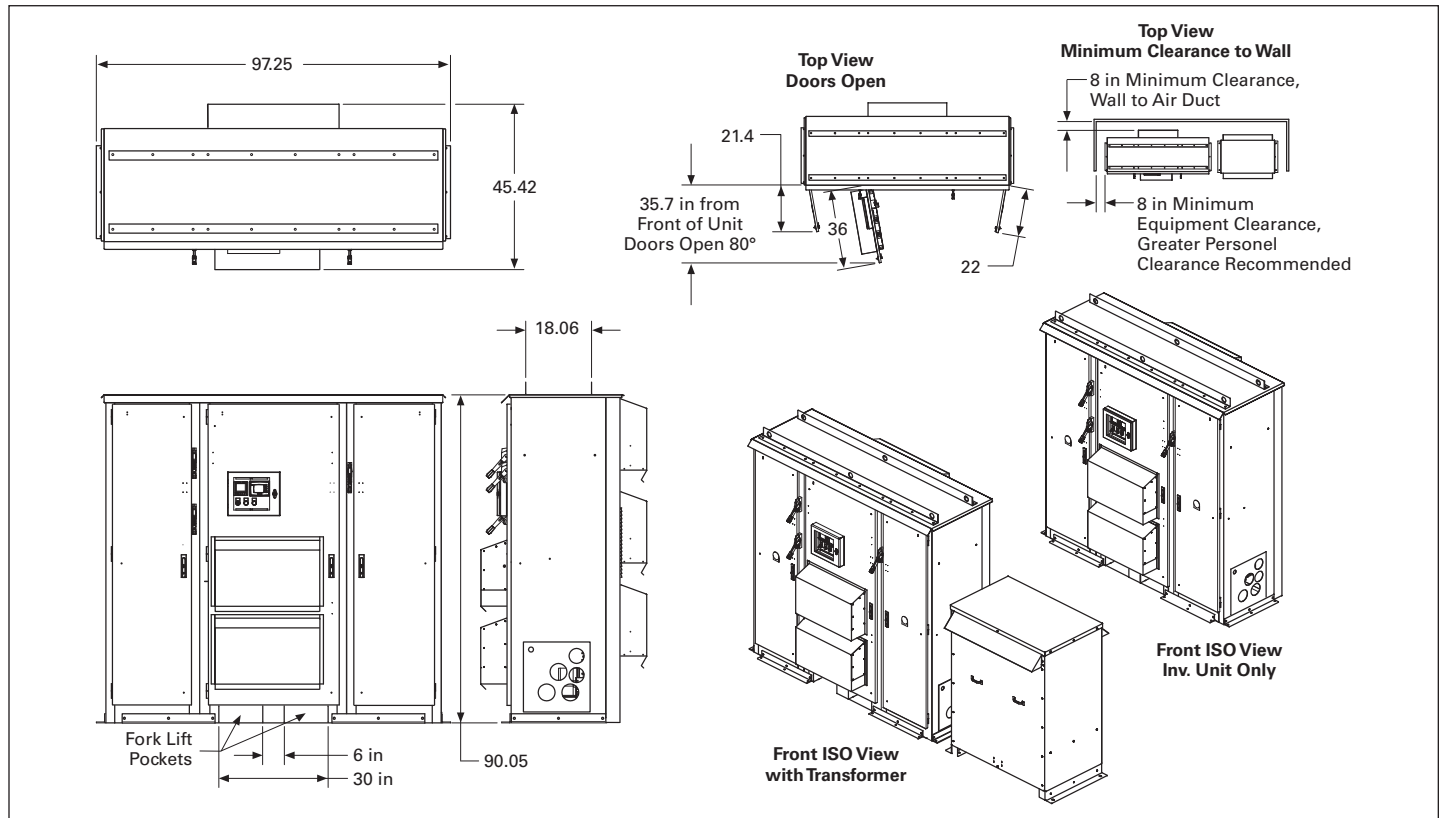


Figure 5. 250 kW Unit Overall Dimensions—Limitations (Dimensions in Inches)

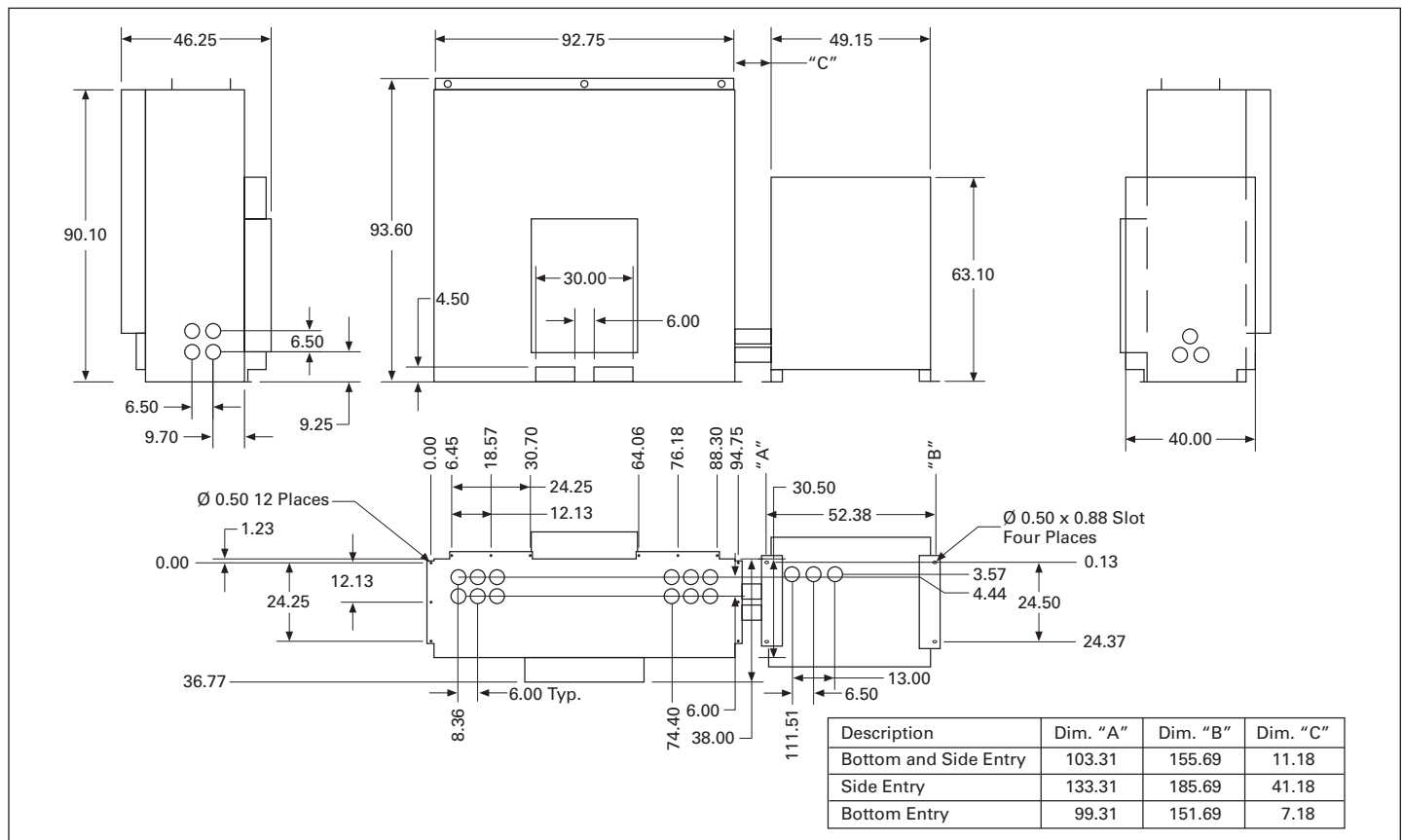


Figure 6. Recommended Typical Mounting and Power Wire Entry Parameters (Dimensions in Inches)



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