AMHD-R heavy duty solar battery boxes are designed to insulate and house solar storage batteries in the growing solar market. The solar battery box offers the same standard features as our current line of electrical enclosures including a snap latch hinged cover made from 316 series stainless steel and a formed-in-place polyurethane gasket system, protecting from outside elements such as dirt, dust, oil and water.

Molded from ULTRAGUARD® fiberglass reinforced polyester material, the solar battery box is sized at 18”x16”x11.75” (the additional height is for the raised cover), and features a strong and rigid design. The enclosure is well suited for outdoor applications, and is made to resist high temperatures and corrosive environments.

Application

- Ideal design to insulate and house solar storage batteries for various telemetry applications in outdoor locations. Will support two 75 lb. batteries
- Especially well suited for high temperature or corrosive environments
- Protects from UV, dirt, dust, oil and water

Construction

- Strong, molded ULTRAGUARD® fiberglass reinforced polyester material construction with matching raised cover
- 316 series stainless steel snap latches feature padlock hasp
- Continuous 316 series stainless steel hinge
- Formed-In-Place (FIP) Polyurethane gasket in continuous channel
- Polycarbonate flanges installed with (4) 316 series stainless steel screws
- #10-32 threaded inserts are installed for optional back panel. Note: HFP186 hinged front panel will not work in this enclosure
- ULTRAGUARD® fiberglass material is easily punched, drilled or sawed
- UV stabilized for outdoor use

Standards

- UL 50 and UL 50E Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- CSA C22.2 No. 94 Types 1, 2, 3, 3R, 4, 4X, 12 and 13
- Complies with
  - NEMA Types 1, 2, 3, 3R, 4, 4X, 12 and 13
  - IEC 60529 Type IP66
- RoHS directive

Optional Accessories

Available accessories include back panel kits, ULTRAPLUG® hole plugs, HMI Cover Kits, inspection windows, pole mount kits, and much more!

Custom Modifications

Custom holes and cutouts, along with polycarbonate viewing windows are available. Contact factory for additional modification options.

Scan to learn more about the Solar Battery Box!
LATCH LOCATIONS

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Box Size</th>
<th>Usable Depth</th>
<th>Panel Boss Centers</th>
<th>Panel Sizes</th>
<th>Flange Mount Centers</th>
<th>Cover Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>463mm 412mm 257mm 280mm</td>
<td>431mm 362mm 429mm 378mm</td>
<td>305mm 480mm 477mm 387mm</td>
<td>460mm 496mm 455mm</td>
<td>455mm</td>
<td>477mm</td>
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</tbody>
</table>

All dimensions are in inches unless otherwise noted. Data subject to change without notice.