Station Enclosure Drawings

Large Enclosure: Insulated Hardigg AL3434-2807

- External dimensions: 37" x 37" x 37"
- Internal dimensions: 24" x 24" x 21"
- 2" thick vacuum insulation panel (VIP) sub-enclosure
- Protective polypropylene barrier between VIPs and electronics
- Integrated cable harness with external bulkhead connectors
- Year round operation with rechargeable AGM batteries

Detailed Drawings

- Hardigg AL3434-2807 Insulated: Assembly Drawing with BOM
- Hardigg AL3434-2807 Modifications
- Vacuum Insulation Panels
  - VIP-02-001A rev A
  - VIP-02-002A rev B
  - VIP-02-003A rev B
- Internal Liner
  - LIN-02-001P
  - LIN-02-002P
  - LIN-02-003P
- Polystyrene Insulation Panels
  - XPS-02-001A rev A
  - XPS-02-004P
- Bulkhead Connector Panels
  - BLK-02-001P
  - BLK-02-002P

Small Enclosure: Insulated Hardigg AL3434-2807

- External dimensions: 27" x 27" x 27"
- Internal dimensions: 20" x 20" x 18"
• 2" thick vacuum insulation panel (VIP) sub-enclosure
• Protective fiberglass barrier between VIPs and electronics
• Integrated cable harness with external bulkhead connectors
• Year round operation with primary batteries

Detailed Drawings

• Hardigg AL3434-2807 Insulated: Assembly Drawing with BOM
• Hardigg AL3434-2807 Modifications
• Vacuum Insulation Panels
  • VIP-02-001A rev A
  • VIP-02-002A rev B
  • VIP-02-003A rev B
• Internal Liner
  • LIN-02-001P
  • LIN-02-002P
  • LIN-02-003P
• Polystyrene Insulation Panels
  • XPS-02-001A revA
  • XPS-02-004P
• Bulkhead Connector Panels
  • BLK-02-001P
  • BLK-02-002P

Quick Deploy Station (QDS) Enclosure : MEVO Box

• Hardigg Stormcase iM2720
• External dimensions: 25" x 20" x 11"
• Internal dimensions: 16" x 13" x 7"
• Die cut internal packaging
• Feed-through port fits variety of sensor cables
• Integrated charge controller and bulkhead connector for solar panel
• Summer operation with Quick Deploy 10 Watt Solar and AGM battery

Detailed Drawings

• Polar QDS Enclosure: Assembly with BOM
• Hardigg iM2720 Internal Packing