



DISCOVER NEMA 3R OUTDOOR BATTERY ENCLOSURE

The battery enclosure is designed in a trunk configuration to NEMA 3R specifications and can hold up to three Discover AES LiFePO₄ batteries, or up to twelve Discover HELIOS batteries.

Compatible with the UL 9540:2020 Ed.2 limit of 20 kWh for residential ESS.

BENEFITS AND FEATURES

Compatibility

Holds up to 20 kWh of Discover AES LiFePO₄ batteries (42-48-6650) or up to 18.48 kWh of Discover HELIOS batteries (46-24-1540, 46-48-1540).

Temperature Management

Powder-coated in white, this 0.125-inch thick aluminum enclosure provides solar deflection to reduce thermal loading and features louvered ports on either side for ventilation in hot climates. Louvered port screens protect against insect ingress. Internal dimensions allow for a 2.0-inch rigid insulation surround in colder climates.

Design

Pre-drilled 0.75-inch, 1.5-inch and 2.0-inch knockouts allow for various DC cable home runs and network cabling configurations. The enclosure has lifting handles and lockable clasps to secure the batteries from theft. The enclosure can be secured to a cement pad.

Shipping

Four units of the Discover NEMA 3R Battery Enclosure ship per pallet. Each enclosure weighs approximately 68 lbs (30.85 kg).

GENERAL SPECIFICATIONS

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|-------------------------------|---|
| Part Number | 950-0043 |
| Net Weight | 68 lbs / 30.85 kg |
| Dimensions (H x W x D) | 16.425 x 48.25 x 24.25 in / 417.2 x 1225.5 x 616 mm |

FEATURES

- Trunk configuration
- Manufactured to NEMA 3R specifications
- Double flanged door opening.
- SST hinge and hardware
- Screened louvers for ventilation
- Pour-in place gasket
- SST pad lock hasp
- Two pad lockable draw latches
- Two foldable SST pull handles

ENCLOSURE COMPATIBILITY

Mount up to three Discover AES LiFePO₄ batteries (42-48-6650), or up to twelve of Discover HELIOS batteries (46-24-1540 or 46-48-1540).

