

DISCOVER
ENERGY SYSTEMS

**ECONOMICAL,
FAST INSTALLATION,
SMALL FOOTPRINT.**

AES RACKMOUNT SLIMLINE ENCLOSURE

48V

- Indoor, Outdoor
- Battery Combiner
- Battery Cables
- Closed-Loop Comms
- Parallel 180 kWh
- UL 9540 DC ESS Certified



AES RACKMOUNT IS FOR OFF-GRID SOLAR AND WHOLE HOME BACKUP POWER.

Indoors or outdoors, the AES RACKMOUNT Slimline Enclosure is economical, installs fast and offers the smallest footprint for 30kWh of energy storage. Parallel up to six AES RACKMOUNT Slimline Enclosures for 180 kWh.

The Slimline Enclosure comes pre-assembled with a bus bar, and battery cables with Amphenol connectors and hosts up to six AES RACKMOUNT Battery Modules. Add a LYNK II Gateway for closed-loop integration with inverter-chargers.

AES RACKMOUNT ESS 30 kWh Slimline Enclosure 950-0053

| | |
|---|--|
| Compatibility | AES RACKMOUNT Battery Module 5 kWh 100 Ah |
| DC Input / Output Voltage | 48V to 55.2V |
| Single Enclosure Configuration | Up to six AES RACKMOUNT Battery Modules (30 kWh Max) |
| Parallel Enclosure Configuration | Up to six RACKMOUNT 30 kWh Slimline Enclosures (180 kWh Max) |
| Height (with footings) | 1695.5 mm / 66.75 inches |
| Width | 350 mm / 13.8 inches |
| Depth | 680 mm / 26.8 inches |
| Weight | 80 kg / 176.37 lbs |
| Max. Weight (6 Battery Modules) | 360 kg / 792 lbs |
| Environmental | NEMA 3R |
| Charge Operating Temperature | 4°C to 52°C (39.2°F to 125.6°F) |
| Discharge Operating Temperature | -17°C to 52°C (1.4°F to 125.6°F) |
| Mounting | Free Standing or Pad Mount |
| Access | Removable Door with Locking Mechanism |
| DC Power Conversion Terminal Block Positions | 2 |
| Input / Output Current Max (DC Bus Bar) | 500 A DC |
| Battery Cables | Included with Amphenol connectors |
| Finish | White Powder Coated UV Rated |
| Safety Standards (cTUVus) | Certified to UL 9540 DC ESS |
| Closed-Loop Communication | Single Mounting Position for Optional LYNK II Gateway |

| Model | Input / Output Current | Maximum Input / Output Power | Usable Capacity |
|------------|------------------------|------------------------------|-----------------|
| 950-0053_1 | 95A | 4.86 kW | 5 kWh |
| 950-0053_2 | 190A | 9.73 kW | 10 kWh |
| 950-0053_3 | 285A | 14.6 kW | 15 kWh |
| 950-0053_4 | 380A | 19.5 kW | 20 kWh |
| 950-0053_5 | 475A | 24.3 kW | 25 kWh |
| 950-0053_6 | 500A | 25.6 kW | 30 kWh |

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