

AES RACKMOUNT SLIMLINE ENCLOSURE

48V

ECONOMICAL,
FAST INSTALLATION,
SMALL FOOTPRINT.

- 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