



MOONDAY

Every day is a Moonday

OA402-LDWF-48100 / OA402-LDWF-48150
 OA402-LDWF-512100 / OA402-LDWF-512150
 OA402-LDWF-512200 / OA402-LDWF-512300



Ironbank

Keep your energy storage system safe, clean, and efficient with our cabinet battery rack. Designed for easy installation and cable management,

Product Features



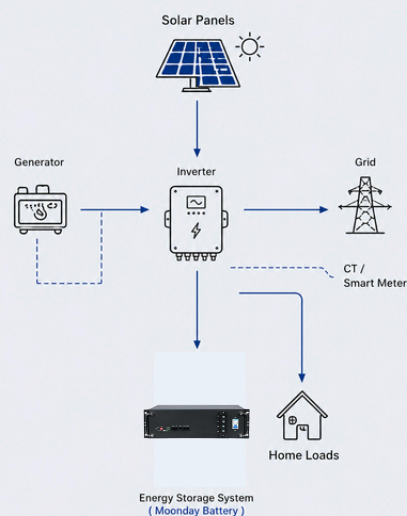
High Efficiency

Easy installation
Easy installation low maintenanceSafe and Reliable
Lithium iron phosphate battery cellsPerfect Compatibility
Work with leading branded inverters

QUICK SPECIFICATIONS *

	Rated Power	4.8 kW
	Battery Voltage	48 V
	Max Charging Current	100A
	Max Efficiency	≥98%
	Protection Degree	IP30
	Dimension (D x W x H)	442 x 133 x 450
	Weight	43 kg

APPLICATION DIAGRAM



*measurement for 100A


www.moondayenergy.com

Basic Parameters

Rated Voltage	48 / 48 / 51.2 V
Rated Capacity	100 / 150 / 100 Ah
Rated Energy	4.8 / 7.2 / 5.12 kWh
Combination Method	15S1P / 15S1P / 16S1P
Cycle Life	≥6000 cycles @80%DOD
Self Discharge	1%/months
Efficiency of Charge	≥97%
Efficiency of Discharge	≥98%

Charge

Charge Voltage	54/ 54 / 57.6 V
Charge Current (Recomm.)	20 / 30 / 20 A
Charge voltage (Max.)	54.75 /54.75 / 58.4V

Discharge

Discharge Cut-off Voltage	40 / 40 / 43.2 V
Discharge Current(Recomm.)	50 / 75 / 50 A
Discharge Current(Max.)	110 A

Environment

Charge Temperature	0°C to 55°C
Discharge Temperature	-20°C to 60°C
Humidity	0% to 95%

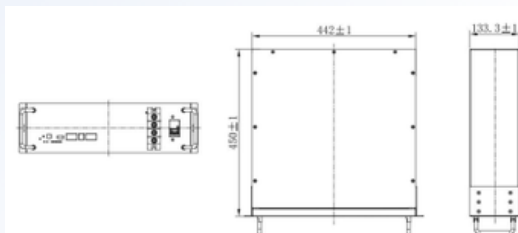
Physical Characteristics

Dimension	442 x 133 x 450 mm 442 x 133 x 570 mm 442 x 133 x 450 mm	IP Class	IP 30
		Noise	< 40 dB
Net Weight	43 / 58 / 45 kg	Others(optional)	anti-theft function

Product Features



Dimensions



Certifications



Basic Parameters

Rated Voltage	51.2 V
Rated Capacity	150 / 200 / 300 Ah
Rated Energy	7.68 / 10.24 / 15.36 kWh
Combination Method	16S1P
Cycle Life	≥6000 cycles @80%DOD
Self Discharge	1%/months
Efficiency of Charge	≥97%
Efficiency of Discharge	≥98%

Charge

Charge Voltage	57.6 V
Charge Current (Recomm.)	30 / 40 / 60 A
Charge Voltage (Max.)	58.4 V

Discharge

Discharge Cut-off Voltage	43.2 V
Discharge Current(Recomm.)	75 / 100 / 150 A
Discharge Current(Max.)	160 / 160 / 220 A

Environment

Charge Temperature	0°C to 55°C
Discharge Temperature	-20°C to 60°C
Humidity	0% to 95%

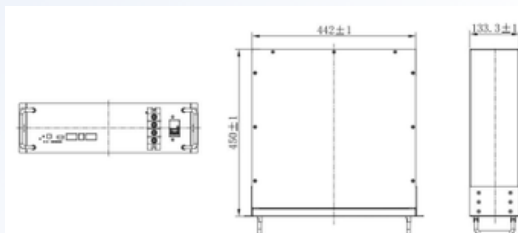
Physical Characteristics

Dimension	442 x 177 x 480 mm 442 x 222 x 510 mm 442 x 222 x 690 mm	IP Class	IP 30
		Noise	< 40 dB
Net Weight	70 / 84 / 114 kg	Others(optional)	anti-theft function

Product Features



Dimensions



Certifications

