



MOONDAY

Every day is a Moonday

OA108-LDWF-512 series

AmpDrive

Our Basic Powerwall delivers reliable energy storage without the complexity. No unnecessary features—just solid performance you can count on. Whether it's for solar backup or everyday energy savings, it's built to do the job quietly and efficiently.

Product Features



High Efficiency
Max. efficiency 100%



Easy installation
Easy installation low maintenance



Safe and Reliable
Lithium iron phosphate battery cells

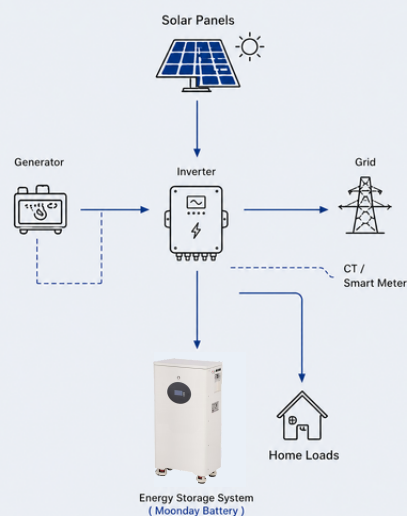


Perfect Compatibility
Work with leading branded inverters

QUICK SPECIFICATIONS *

	Rated Power	10.24 kW
	Battery Voltage	51.2 V
	Max Charging Current	200A
	Max Efficiency	≥98%
	Protection Degree	IP30
	Dimension (D x W x H)	740 x 4502 x 260
	Weight	90 kg

APPLICATION DIAGRAM



* specifications for 200A


www.moondayenergy.com

Basic Parameters

Rated Voltage	51.2V
Rated Capacity	100 / 200 /200 Ah
Rated Energy	5.12/ 10.24 /10.24 kWh
Combination Method	16S1P/ 16S1P/16S2P
Cycle Life	≥6000 cycles @80%DOD
Self Discharge	1%/months
Efficiency of Charge	≥97%
Efficiency of Discharge	≥98%

Environment

Charge Temperature	0°C to 60°C
Discharge Temperature	-20°C to 60°C
Humidity	5% to 95%

Charge

Charge Voltage	57.6V
Charge Current (Recomm.)	20 / 20 /40 A
Charge Current (Max.)	100/ 200 /200 A

Discharge

Discharge Cut-off Voltage	43.2V
Discharge Current(Recomm.)	50 / 100 /100 A
Discharge Current(Max.)	120 / 220 /220 A

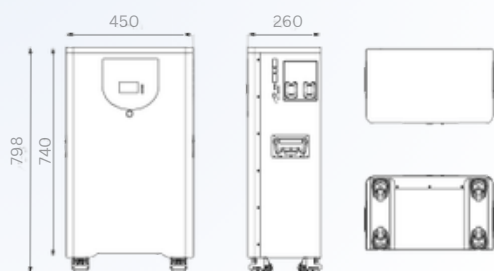
Physical Characteristics

Dimension	442 x 600 x 170 mm 740x 450x 260mm 580x 800 x 170 mm	IP Class	IP 30
		Case Material	Metal
Net Weight	49 / 90 / 97 kg	Noise	< 40dB

Product Features



Dimensions



Certifications



Basic Parameters

Rated Voltage	51.2V
Rated Capacity	300 /400 Ah
Rated Energy	15.36/ 20.48 kWh
Combination Method	16S1P
Cycle Life	≥6000 cycles @80%DOD
Self Discharge	1%/months
Efficiency of Charge	≥97%
Efficiency of Discharge	≥98%

Environment

Charge Temperature	0°C to 60°C
Discharge Temperature	-20°C to 60°C
Humidity	5% to 95%

Charge

Charge Voltage	57.6V
Charge Current (Recomm.)	60 / 80 A
Charge Current (Max.)	200 A

Discharge

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

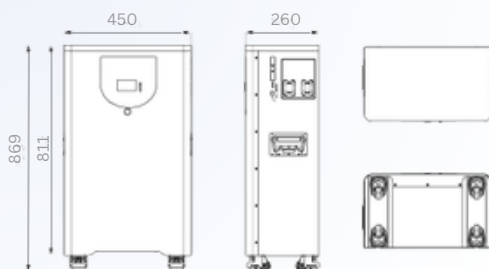
Physical Characteristics

Dimension	811 x 450 x 260 mm 900x 450x 260mm	IP Class	IP 30
		Case Material	Metal
Net Weight	119 / 140kg	Noise	< 40dB

Product Features



Dimensions



Certifications

