



MOONDAY

Every day is a Moonday

MZ102-LDWF-512100-WH

EcoCellar

Whether you're soaking up the sun or facing a blackout, our Powerwall keeps your home running with clean, reliable energy.

Product Features



High Efficiency

Easy installation
Easy Installation low maintenance

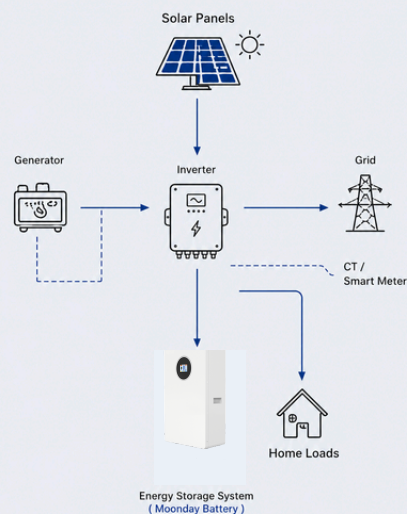
IP66 Protection

Perfect Compatibility
Work with leading branded inverters

QUICK SPECIFICATIONS *

	Rated Power	5.12 kW
	Battery Voltage	51.2 V
	Max Charging Current	100A
	Max Efficiency	≥98%
	Protection Degree	IP66
	Dimension (D x W x H)	475 x 550 x 174
	Weight	47.3 kg

APPLICATION DIAGRAM



*measurement for 100A


www.moondayenergy.com

Basic Parameters

Rated Voltage	51.2 V
Rated Capacity	100 Ah
Rated Energy	5.12 kWh
Combination Method	16S1P
Cycle Life	≥6000 cycles @90%DOD
Self Discharge	1%/ months
Efficiency of Charge	≥97%
Efficiency of Discharge	≥98%

Charge

Charge Voltage	51.2 V
Charge Current (Recomm.)	80 A
Charge Current (Max.)	100 A

Discharge

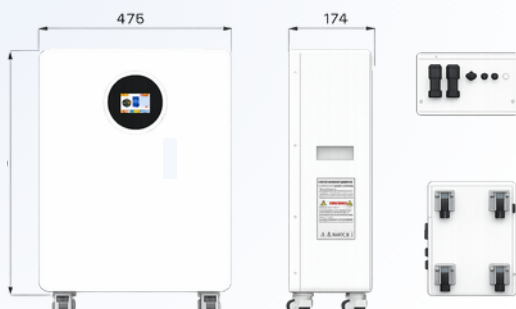
Short Circuit Current	350 A
Discharge Current(Recomm.)	50 A
Discharge Current(Max.)	100 A

Environment

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

Physical Characteristics

Dimension	475 x 550 x 174 mm	IP Class	IP 66
Net Weight	47.3 kg	Case Material	Metal
Scalability	Max 15 batteries in parallel	Others(optional)	WIFI, Bluetooth

Product FeaturesLarge
CapacityLong
Cycle LifeHigh
EfficiencyWide
Temperature
RangeBuilt-In
Smart BMS**Dimensions****Certifications**