



MOONDAY

Every day is a Moonday

MZ103-LDWF-512200-WH

MZ103-LDWF-512300-WH

Powernest

The Powernest ground battery pack – a permanent anchor in our catalog. A straight forward design still a reliable solution

Product Features



High Efficiency

Easy installation
Easy Installation low maintenance

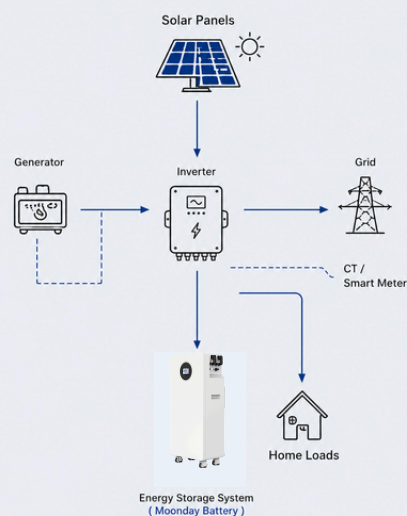
IP66 Protection

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	IP66
	Dimension (D x W x H)	640 x 480 x 275
	Weight	83.5 kg

APPLICATION DIAGRAM



*measurement for 200A


www.moondayenergy.com

Basic Parameters

Rated Voltage	51.2 V
Rated Capacity	200 / 314 Ah
Rated Energy	10.24 / 16.01 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.)	160 / 200 A
Charge Current (Max.)	200 / 314 A

Discharge

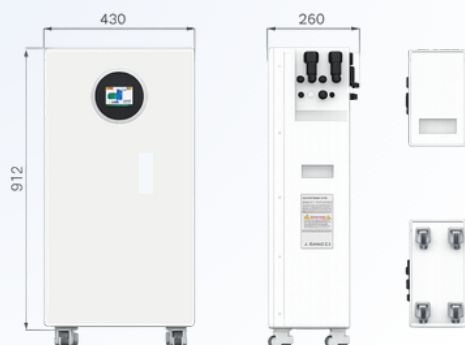
Short Circuit Current	540 A
Discharge Current(Recomm.)	160 / 200 A
Discharge Current(Max.)	150 / 200 A

Environment

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

Physical Characteristics

Dimension	640 x 480 x 275 mm 970 x 430 x 260 mm	IP Class	IP 66
		Case Material	Metal
Net Weight	83.5 / 119 kg	Others(optional)	WIFI, Bluetooth

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