



MOONDAY

Every day is a Moonday



OA403-LDWF-204100 OA403-LDWF-307200
 OA403-LDWF-384100 OA403-LDWF-409100
 OA403-LDWF-512100

Zentra

With a robust IP65-rated enclosure, it's built to withstand rain, dust, and temperature swings – perfect for balconies, patios, sheds, or garages where indoor mounting isn't ideal.

Product Features



High Efficiency
Max. efficiency 100%



Easy installation
Easy installation low maintenance



Safe and Reliable
Lithium iron phosphate battery cells

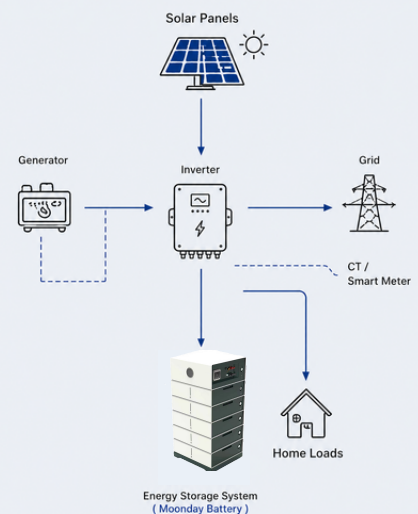


Stackable
design

QUICK SPECIFICATIONS *

	Rated Power	20.4 kW
	Battery Voltage	204.8 V
	Max Charging Current	100A
	Max Efficiency	≥98%
	Protection Degree	IP65
	Dimension (D x W x H)	552 x 515 x 772
	Weight	208.1 kg

APPLICATION DIAGRAM



*measurement for 100A



www.moondayenergy.com

Basic Parameters

Rated Voltage	204.8 / 307.2 / 384 V
Rated Capacity	100 Ah
Rated Energy	20.4 / 30.7 / 38.4 kWh
Combination Method	64S1P / 96S1P / 120S1P
Cycle Life	≥6000 cycles @80%DOD
Self Discharge	1%/months
Efficiency of Charge	≥97%
Efficiency of Discharge	≥98%

Charge

Charge Voltage	233.6 / 358.4 / 438 V
Charge Current (Recomm.)	50A
Charge Current (Max.)	100 A

Discharge

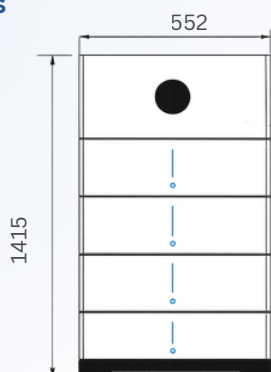
Discharge Cut-off Voltage	172.8 / 259.2 / 312 V
Discharge Current(Recomm.)	50 A
Discharge Current(Max.)	100 A

Environment

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

Physical Characteristics

Dimension	552 x 515 x 772 mm 552 x 515 x 1252 mm 550 x 515 x 1415mm	IP Class	IP 65
		Case Material	Metal
Net Weight	50 / 97 kg	Others(optional)	WIFI, Bluetooth

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

Basic Parameters

Rated Voltage	409.6 / 512 V
Rated Capacity	100 Ah
Rated Energy	40.96 / 51.2 kWh
Combination Method	128S1P / 160S1P
Cycle Life	≥6000 cycles @80%DOD
Self Discharge	1%/months
Efficiency of Charge	≥97%
Efficiency of Discharge	≥98%

Charge

Charge Voltage	460.8 / 576 V
Charge Current (Recomm.)	50 / 100 A
Charge Current (Max.)	100 A

Discharge

Discharge Cut-off Voltage	345.6 / 416 V
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	552 x 515 x 1415 mm 552 x 515 x 1732 mm	IP Class	IP 65
		Case Material	Metal
Net Weight	405 / 520 kg	Others(optional)	WIFI, Bluetooth

Product Features



Large
Capacity



Long
Cycle Life



High
Efficiency

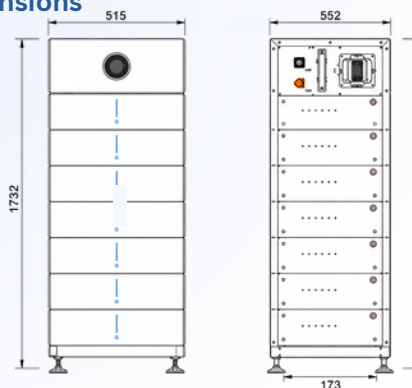


Wide
Temperature
Range



Built-In
Smart BMS

Dimensions



Certifications

