

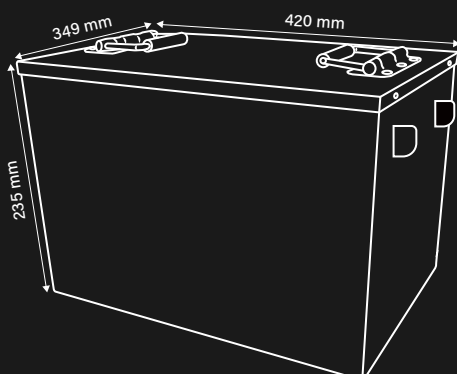
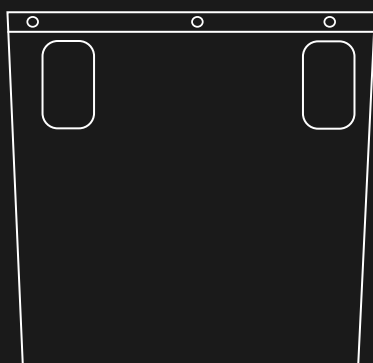


OLA-48-100-M



4.0
Bluetooth
Low Energy

BASIC INFORMATION



Olalitia Smart BMS LiFePO4 Battery



Basic information	Model	OLA-48-100-M
	BMS (Battery Management System)	Integrated
	Rated capacity	100Ah
	Rated voltage	38.4V
	Number of cycles	≥6000 @ 80% DoD
	Weight	44kg
	Dimension with terminals (L x W x H)	420 * 349 * 235 mm
	Operating voltage range	40-58.4V
Charge	Warranty	5 years
	Charging characteristics	CCCV / IU
	Recommended charge voltage	58.4V
	Recommended charge current	20A
Discharge	Maximum charge current	50A
	Continuous discharge current	200A
Temperature	Maximum discharge cut-off current	350A (200~500ms)
	Discharge temperature range	-20 ~ 75 °C
	Charge temperature range	0 ~ 50 °C
Material	Storage temperature range	-5 ~ 35 °C
	Material of case	Metal
	Terminals	M8
Intelligent monitoring	Ingress protection code	IP62
	Bluetooth	Integrated Bluetooth 4.0 module Allowing to control and read the battery status and showing errors under extreme conditions like overloads, overheating and short circuit, etc. on your smart-phone
	Connection	Max. 4 Parallels Connections and series connections is not allowed.

EUROPE QUALITY

- The safest technology, without risk of fire or explosion
- Long useful life
- Constant improvement of the capacity of storage
- Great stability even under extreme loads
- No memory effect; no need to fully discharge and recharge

APPLICATIONS



Motorhome; Caravan



Boat; Yacht



Photovoltaic; Renewable energy



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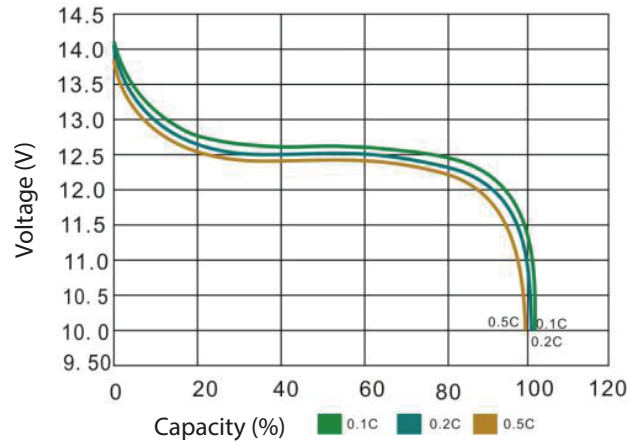
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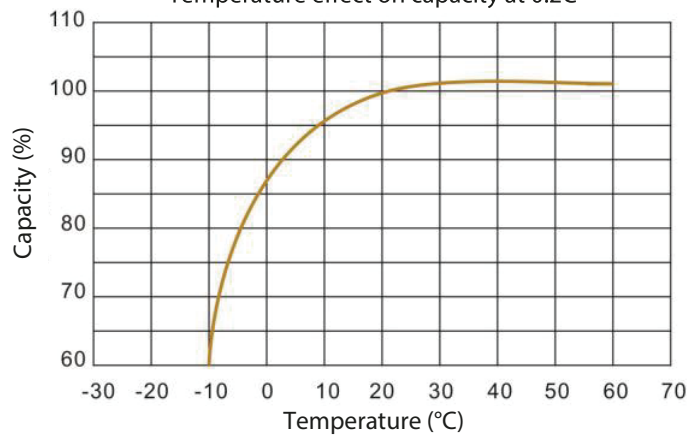
V1.04.08.25

PERFORMANCE CHARACTERISTIC

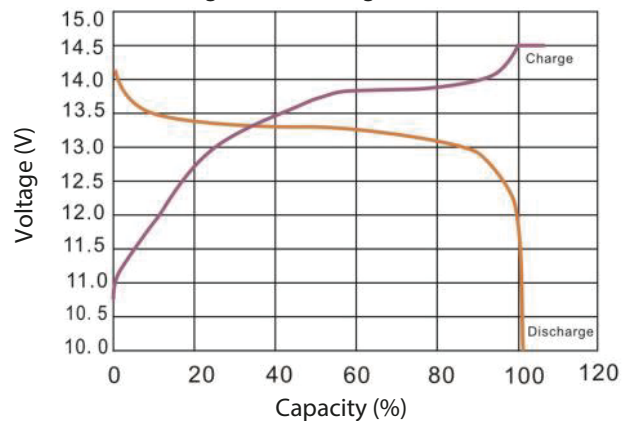
Discharge performance at 25°C



Temperature effect on capacity at 0.2C



Charge and Discharge at 25°C, 0.2C



Cycle Life with DOD at 25°C, 0.2C

