

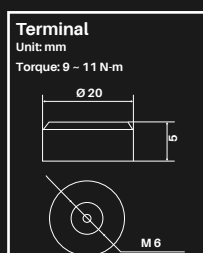
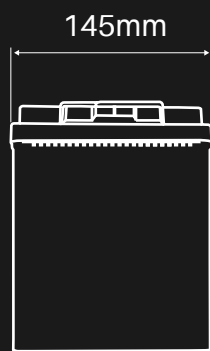
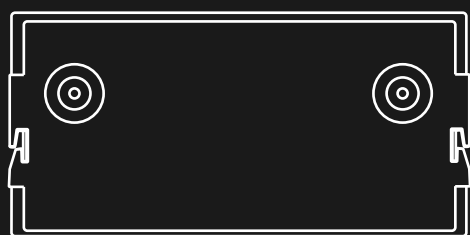
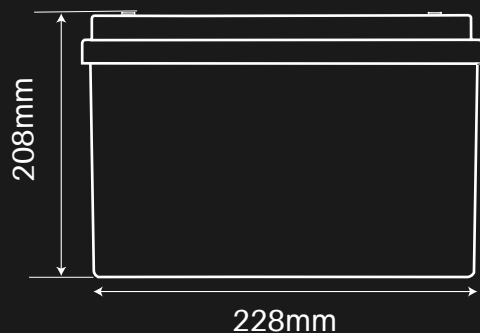


OLA-12-50



4.0
Bluetooth
Low Energy

BASIC INFORMATION



Olalitia Smart BMS LiFePO4 Battery



Basic information	Model	OLA-12-50
	BMS (Battery Management System)	Integrated
	Rated capacity	50Ah / 640Wh
	Rated voltage	12.8V
	Number of cycles	>6000 @ 80% D.o.D
	Weight	8kg
	Dimension with terminals (L x W x H)	228*145*208mm
	Operating voltage range	10 -14.6V
Charge	Warranty	5 years
	Charging characteristics	CCCV / IU
	Recommended charge voltage	14.6V
	Recommended charge current	10A
Discharge	Maximum charge current	25A
	Continuous discharge current	100A
	Maximum discharge cut-off current	300A (200~500ms)
Temperature	Discharge temperature range	-20 ~ 75 °C
	Charge temperature range	0 ~ 50 °C
	Storage temperature range	-5 ~ 35 °C
Material	Material of case	ABS
	Terminals	M6
	Ingress protection code	IP65
Intelligent monitoring	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 Series and 4 Parallel Connections

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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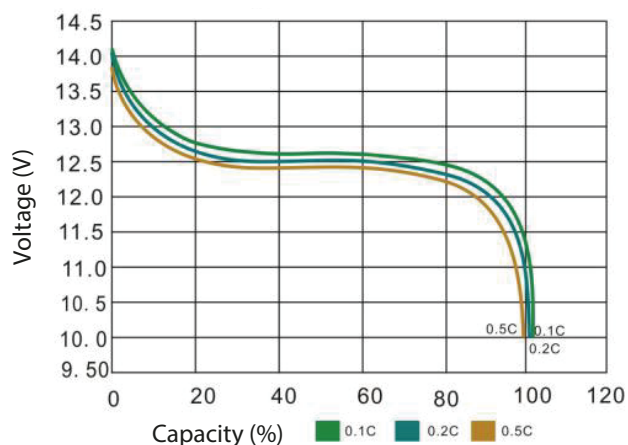
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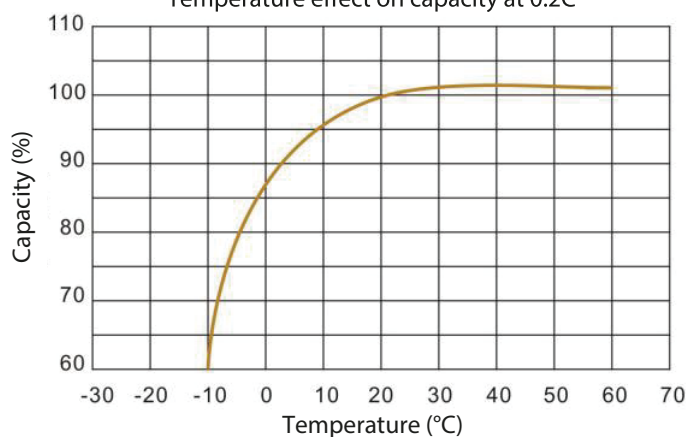
V1 06.08.25

PERFORMANCE CHARACTERISTIC

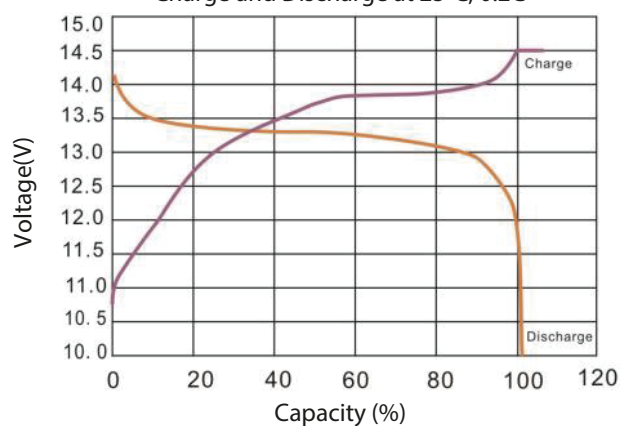
Discharge performance at 25°C



Temperature effect on capacity at 0.2C



Charge and Discharge at 25°C, 0.2C



Cycle Life with DOD at 25°C, 0.2C

