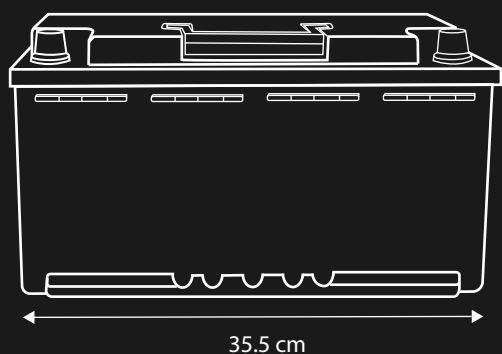




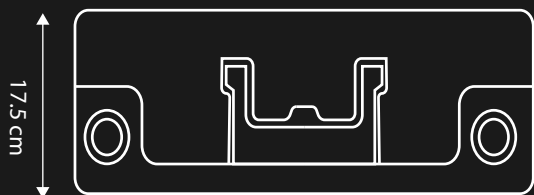
OLA-12-100-SH



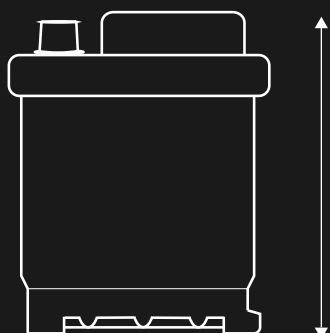
BASIC INFORMATION



35.5 cm



17.5 cm



18.8 cm

Olalitia Smart BMS LiFePO4 Battery



Basic information	Model	OLA-12-100-SH
	BMS (Battery Management System)	Integrated
	Rated capacity	100Ah / 1280Wh
	Rated voltage	12.8V
	Number of cycles	>6000 @ 80% D.o.D
	Weight	13kg
	Dimension with terminals (L x W x H)	355*175*188mm
	Operating voltage range	10 -14.6V
Charge	Warranty	5 years
	Charging characteristics	CCCV / IU
	Recommended charge voltage	14.6V
	Recommended charge current	30A
Discharge	Maximum charge current	50A
	Continuous discharge current	150A
	Maximum discharge cut-of current	450A (200~500ms)
Temperature	Discharge temperature range	-20 ~ 75 °C
	Charge temperature range	-35 ~ 50 °C
	Storage temperature range	-5 ~ 35 °C
Material	Material of case	ABS
	Terminals	SAE
	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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Zaragoza, Spain.

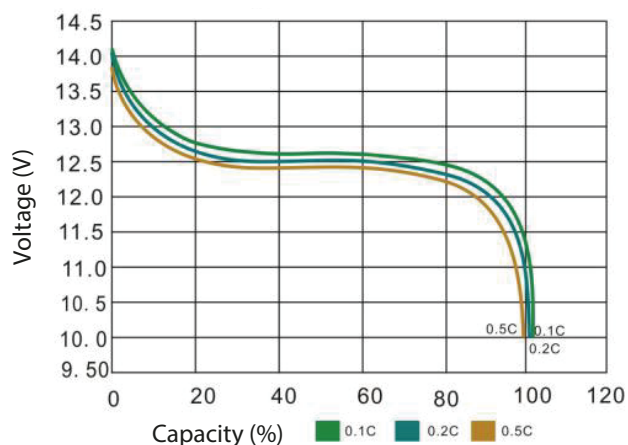
Tel: +34 876434005

Email: contacto@olalitio.com

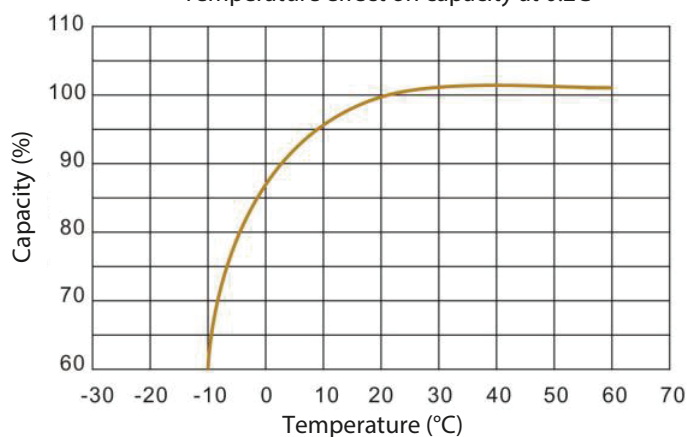
V1 25.07.25

PERFORMANCE CHARACTERISTIC

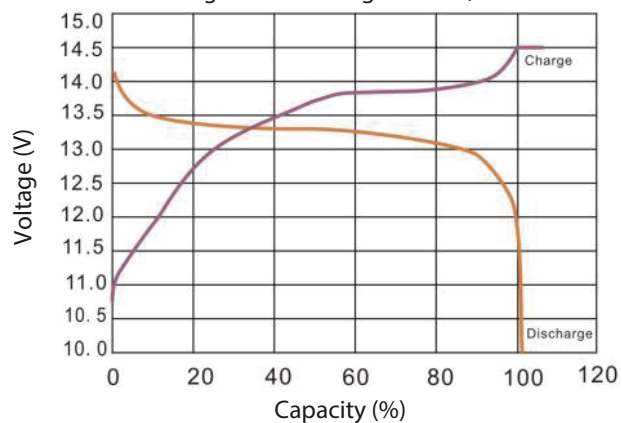
Discharge performance at 25°C



Temperature effect on capacity at 0.2C



Charge and Discharge at 25°C, 0.2C



Cycle Life with DOD at 25°C, 0.2C

