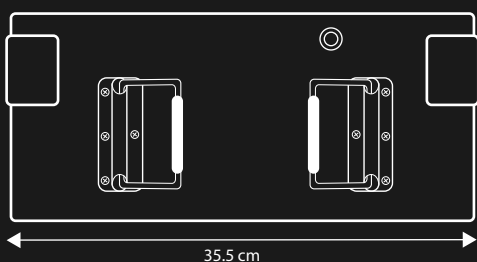
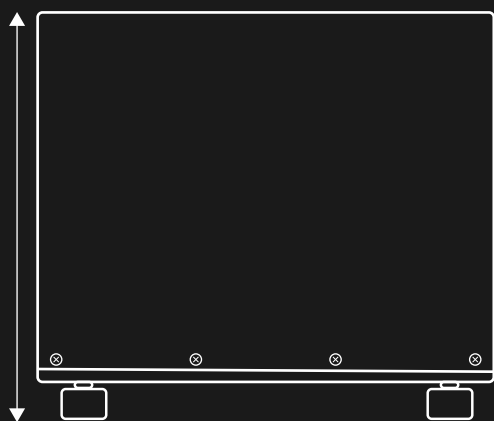




OLA-12-310-MH



BASIC INFORMATION



Olalitia Smart BMS LiFePO4 Battery



Basic information	Model	OLA-12-310-MH
	BMS (Battery Management System)	Integrated
	Rated capacity	310Ah / 3968Wh
	Rated voltage	12.8V
	Number of cycles	>6000 @ 80% D.o.D
	Weight	30kg
	Dimension with terminals (L x W x H)	355*288*190mm
	Operating voltage range	10 -14.6V
	Warranty	5 years
Charge	Charging characteristics	CCCV / IU
	Recommended charge voltage	14.6V
	Recommended charge current	90A
Discharge	Maximum charge current	155A
	Continuous discharge current	300A
Temperature	Maximum discharge cut-of current	640A (200~500ms)
	Discharge temperature range	-20 ~ 75 °C
	Charge temperature range	-35 ~ 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 Series and 4 Parallel Connections


PERFORMANCE CHARACTERISTIC


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



OLALITIO S.L.

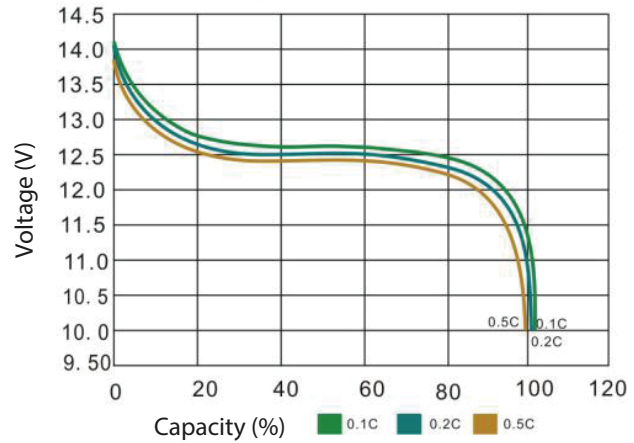
Polígono BTV, C/ Tamariz 62,
La Puebla de Alfindén, 50171,
Zaragoza, Spain.

Tel: +34 876434005

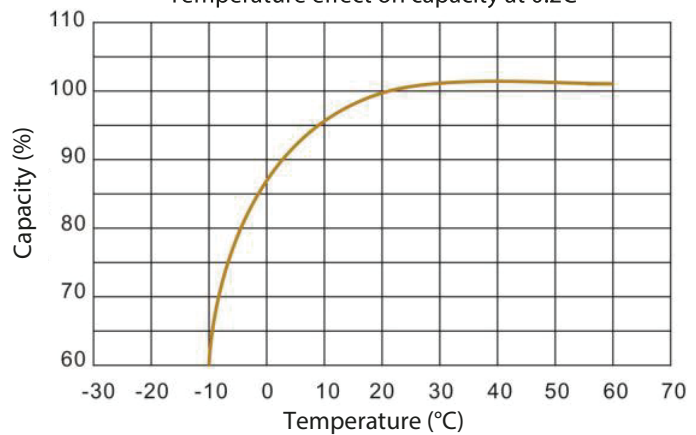
Email: contacto@olalitia.com

V1.06.08.25

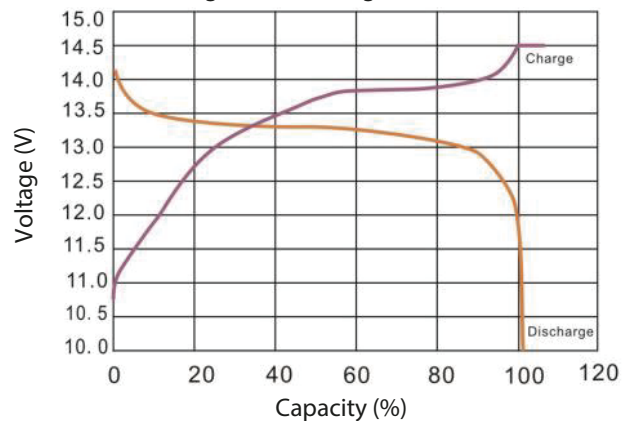
Discharge performance at 25°C



Temperature effect on capacity at 0.2C



Charge and Discharge at 25°C, 0.2C



Cycle Life with DOD at 25°C, 0.2C

