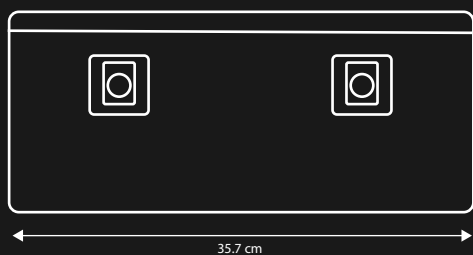
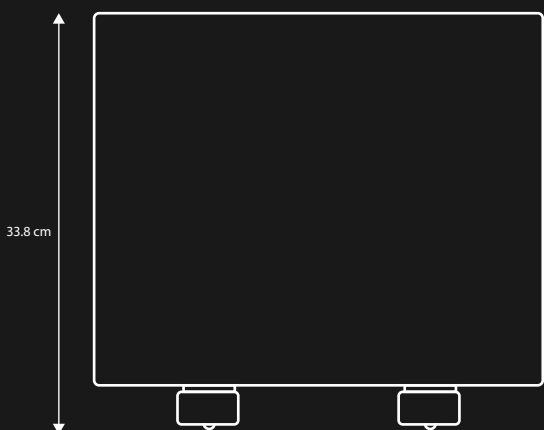




# OLA-12-180-M



## BASIC INFORMATION



# Olalitia Smart BMS LiFePO4 Battery



<b>Basic information</b>	Model	OLA-12-180-M
	BMS (Battery Management System)	Integrated
	Rated capacity	180Ah / 2304Wh
	Rated voltage	12.8V
	Number of cycles	>4500 @ 90% D.o.D
	Weight	23.7kg
	Dimensions (L x W x H)	357*338*152mm
	Operating voltage range	10 -14.6V
Warranty	5 years	
<b>Charge</b>	Charging characteristics	CCCV / IU
	Recommended charge voltage	14.6V
	Recommended charge current	50A
	Maximum charge current	90A
<b>Discharge</b>	Continuous discharge current	150A
	Maximum discharge cut-off current	450A (200~500ms)
<b>Temperature</b>	Discharge temperature range	-20 ~ 75 °C
	Charge temperature range	0 ~ 50 °C
	Storage temperature range	-5 ~ 35 °C
<b>Material</b>	Material of case	Metal
	Terminals	M8
	Ingress protection code	IP65
<b>Intelligent monitoring</b>	Bluetooth	<b>Integrated Bluetooth 4.0 module</b> Allowing to control and read the status of the battery and showing errors under extreme condition like overloads, overheating and short circuit, etc. on your smart-phone
	Connection	Max. 4 Series and 4 Parallel connection

## 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 completely cycle

### APPLICATIONS

 Motorhome; Caravan

 Boat; Yacht

 Photovoltaic; Renewable energy



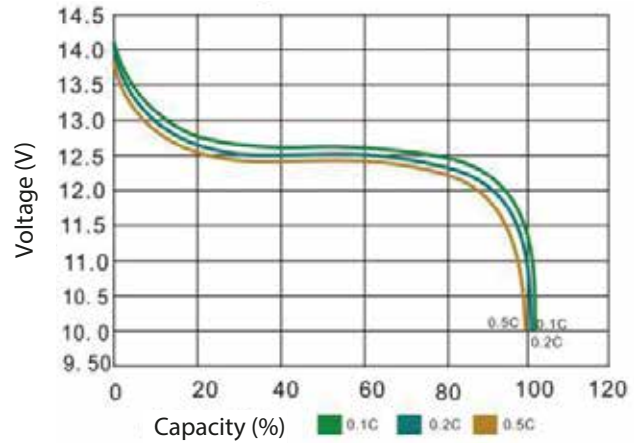
### OLALITIO S.L.

Polígono BTV, C/ Tamariz 62,  
La Puebla de Alfindén, 50171,  
ZARAGOZA, SPAIN.

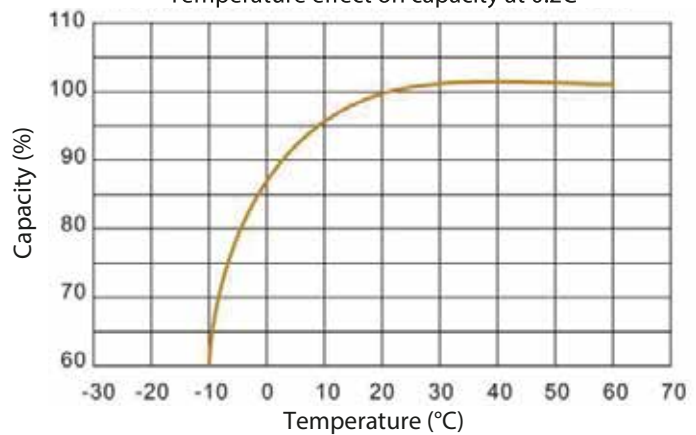
Tel: +34 876434005

Email: [contacto@olalitia.com](mailto:contacto@olalitia.com)

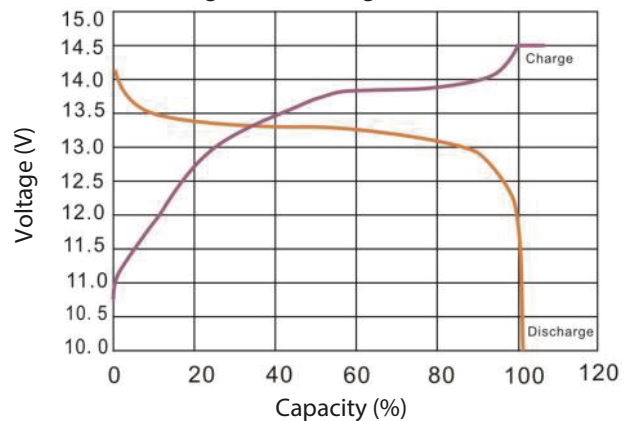
Discharge performance at 25°C



Temperature effect on capacity at 0.2C



Charge and Discharge at 25°C, 0.2C



Cycle Life with DOD at 25°C, 0.2C

