

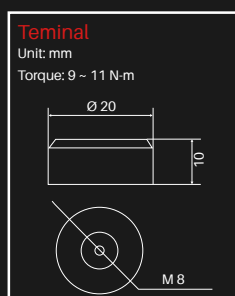
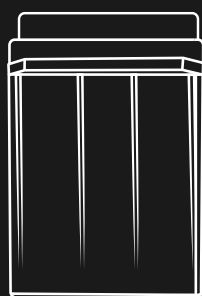
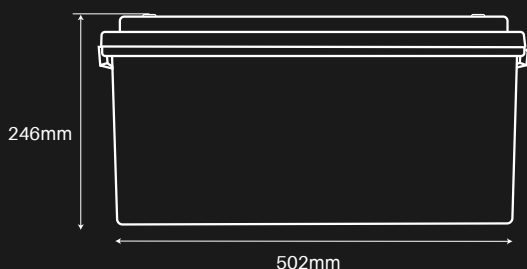


# OLA-24-100-P

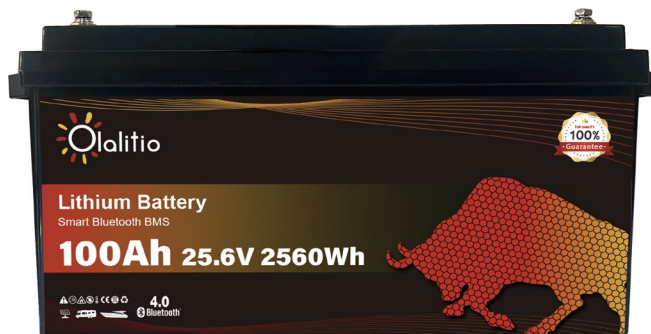


4.0  
Bluetooth  
Low Energy

## BASIC INFORMATION



# Olalitia Smart BMS LiFePO4 Battery



<b>Basic information</b>	Model	OLA-24-100-P	
	BMS (Battery Management System)	Integrated	
<b>Charge</b>	Rated capacity	100Ah / 2560Wh	
	Rated voltage	25.6V	
	Number of cycles	>6000 @ 80% D.o.D	
	Weight	20.85kg	
	Dimension with terminals (L x W x H)	502*186*246mm	
	Operating voltage range	20 -29.2V	
	Warranty	5 years	
	<b>Discharge</b>	Charging characteristics	CCCV / IU
		Recommended charge voltage	29.2V
Recommended charge current		30A	
<b>Temperature</b>	Maximum charge current	50A	
	Continuous discharge current	100A	
<b>Material</b>	Maximum discharge cut-of current	300A (200~500ms)	
	Discharge temperature range	-20 ~ 75 °C	
	Charge temperature range	0 ~ 50 °C	
<b>Intelligent monitoring</b>	Storage temperature range	-5 ~ 35 °C	
	Material of case	ABS	
<b>Connection</b>	Terminals	M8	
	Ingress protection code	IP65	
<b>Intelligent monitoring</b>	Bluetooth	<b>Integrated Bluetooth 4.0 module</b> 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. 2 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.

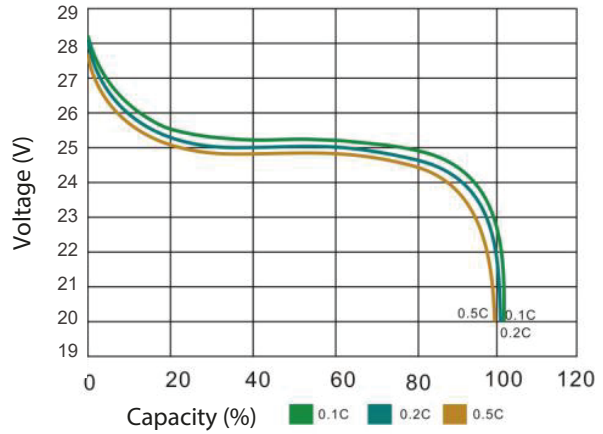
Polígono BTV, C/ Tamariz 62,  
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Tel: +34 876434005

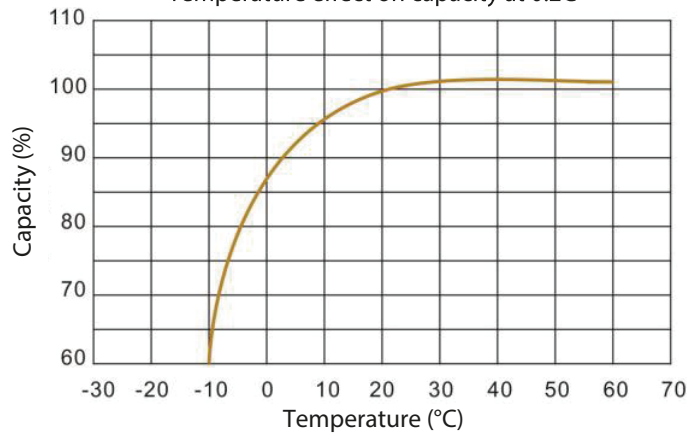
Email: [contacto@olalitia.com](mailto:contacto@olalitia.com)

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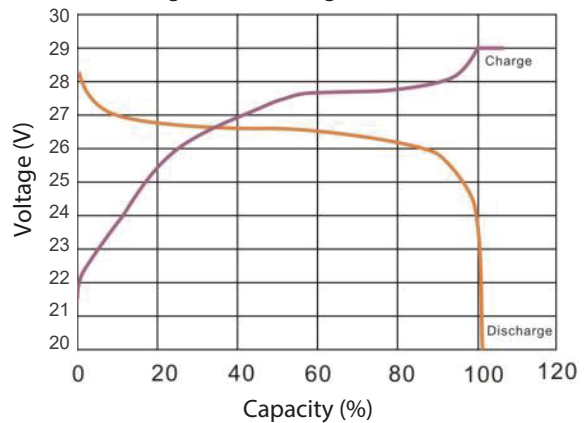
Discharge performance at 25°C



Temperature effect on capacity at 0.2C



Charge and Discharge at 25°C, 0.2C



Cycle Life with DOD at 25°C, 0.2C

