

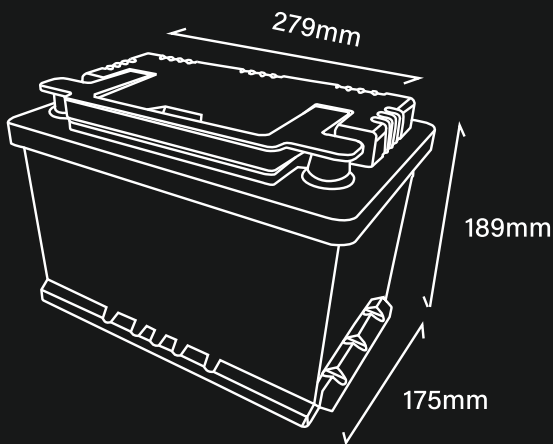


**OLA-12-100
-SLN3**



4.0
Bluetooth
Low Energy

INFORMACION BSICA



Olalitia Smart BMS LiFePO4 Battery



ESPECIFICACIONES

Basic informafion	Model	OLA-12-100-SLN3
	BMS (Battery Management System)	Integrated
	Capacidad nominal	100Ah / 1280Wh
	Rated capacity	12,8V
	Number of cycles	>6000 @ 80% D.o.D
	Weight	10,7 kg
	Dimensions (L x W x H)	279*175*189mm
Charge	Operating voltage range	10 -14,6V
	Rated voltage	3 years
	Warranty	
Charge	Charging characteristics	CCCV / IU
	Recommended charge voltage	14,6V
	Recommended charge current	20A
Discharge	Maximum charge current	50A
	Continuous discharge current	100A
Temperature	Maximum discharge cut-off current	300A(200-500ms)
	Discharge temperature range	-20 ~ 65 °C
	Charge temperature range	-5 ~ 50 °C
Material	Storage temperature range	-5 ~ 45 °C
	Material of case	ABS
	Terminals	M8
Intelligent monitoring	Ingress protection code	IP65
	Bluetooth	Integrated Bluetooth 4.0 module 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



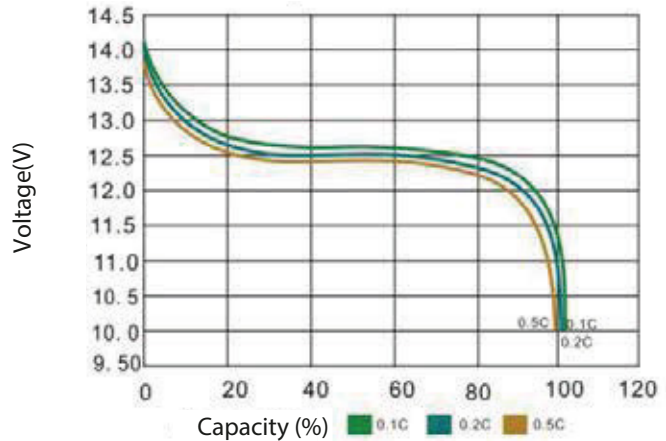
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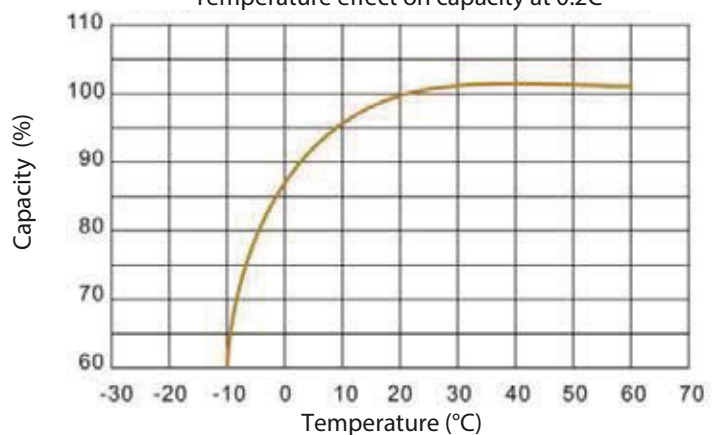
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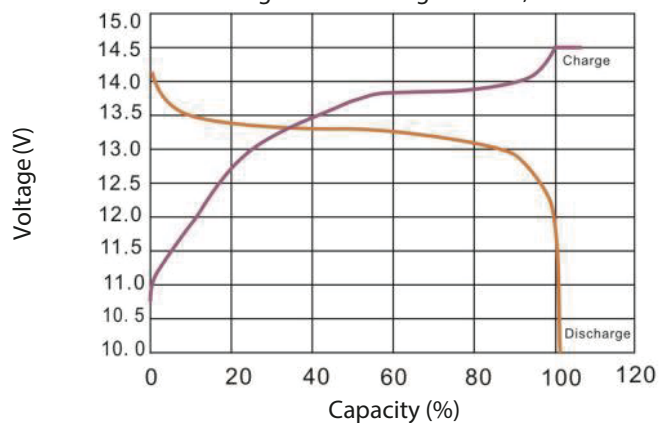
Discharge performance at 25°C



Temperature effect on capacity at 0.2C



Charge and Discharge at 25°C, 0.2C



Cycle Life with DOD at 25°C, 0.2C

