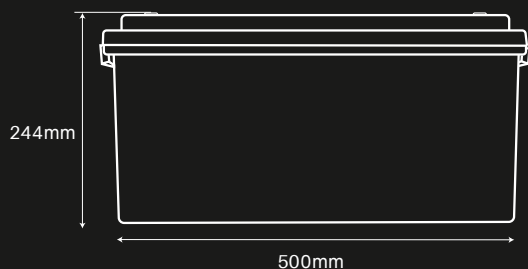




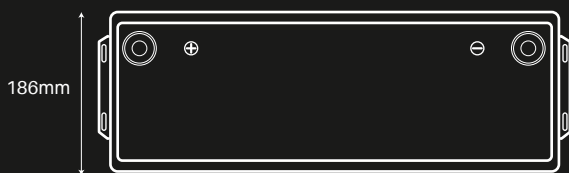
OLA-12-200-PH



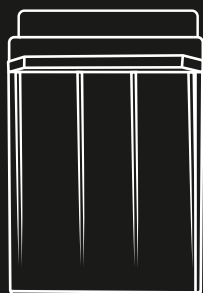
BASIC INFORMATION



500mm

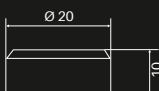


186mm



Terminal

Unit: mm
Torque: 9 ~ 11 N·m



Olalitia Smart BMS LiFePO4 Battery



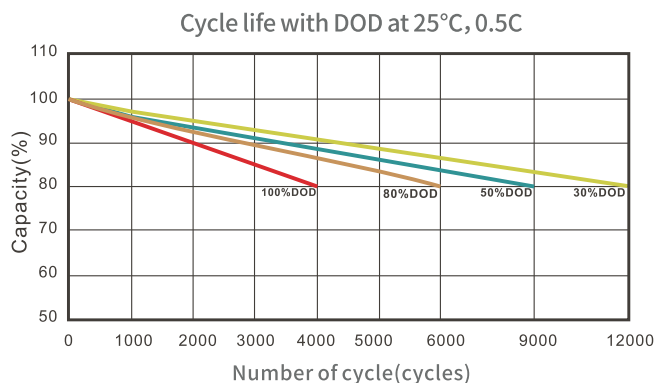
Basic information	Model	OLA-12-200-PH
	BMS (Battery Management System)	Integrated
	Rated capacity	200Ah / 2560Wh
	Rated voltage	12.8V
	Number of cycles	>6000 @ 80% D.o.D
	Weight	18kg
	Dimension with terminals (L x W x H)	500*186*244mm
	Operating voltage range	10 -14.6V
Charge	Warranty	5 years
	Charging characteristics	CCCV / IU
	Recommended charge voltage	14.6V
	Recommended charge current	60A
Discharge	Maximum charge current	100A
	Continuous discharge current	200A
	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	M8
	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

Olalitia Smart BMS LiFePO4 Battery

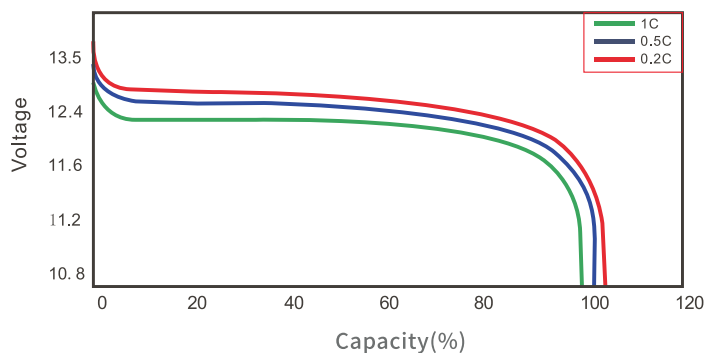


Model Performance Diagrams

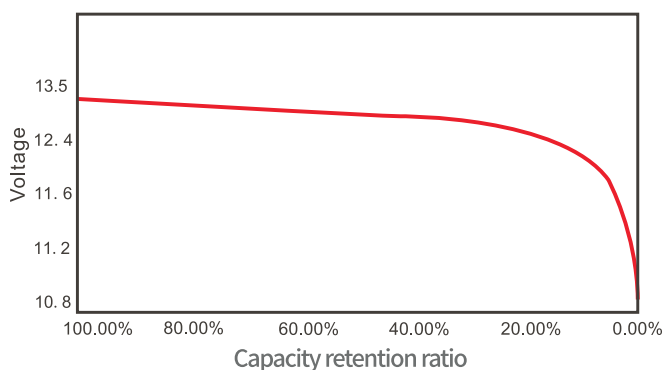
Number of Cycles Vs. DOD



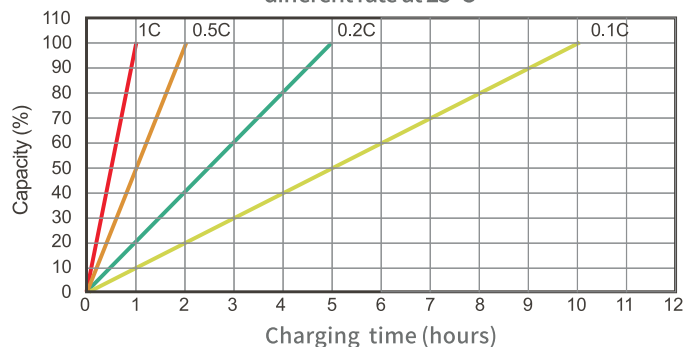
Discharge Performance at R.T.



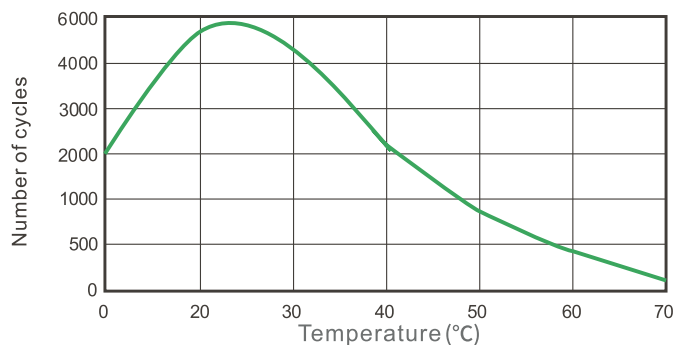
Battery Capacity (C) VS. Open Circuit Voltage (OCV)
SOC Vs OCV



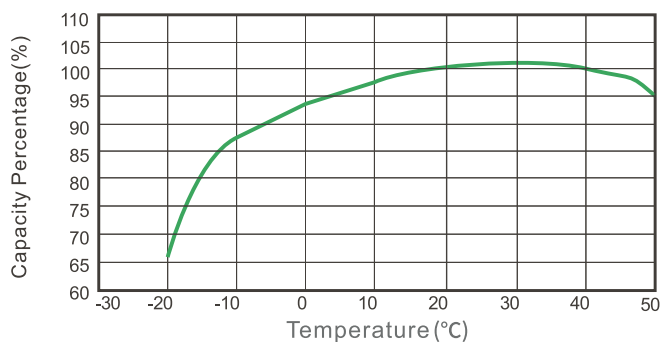
Battery Capacity Vs. Charging Time
Charging capacity(%) VS time with different rate at 25°C



Cycle Life in Relation to Temperature



Temperature Effects on Capacity



OLALITIO S.L.

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

Tel: +34 876434005

Email: contacto@olalitia.com

V1 27.05.26

