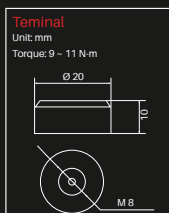
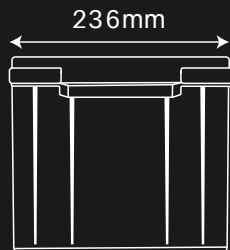
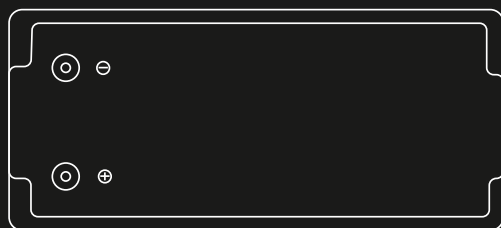
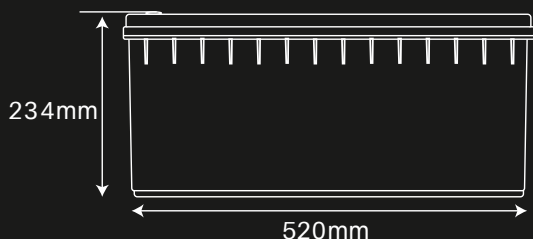




OLA-12-300-PH



BASIC INFORMATION



Olalitio Smart BMS LiFePO4 Battery



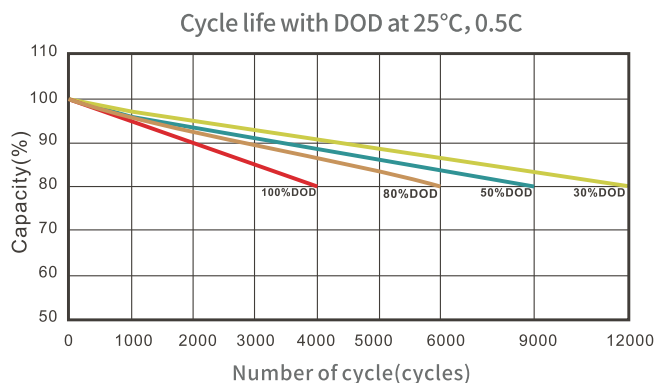
Basic information	Model	OLA-12-300-PH
	BMS (Battery Management System)	Integrated
	Rated capacity	300Ah / 3840Wh
	Rated voltage	12.8V
	Number of cycles	>6000 @ 80% D.o.D
	Weight	30,4kg
	Dimension with terminals (L x W x H)	520*236*234mm
	Operating voltage range	10 -14.6V
Charge	Warranty	5 years
	Charging characteristics	CCCV / IU
	Recommended charge voltage	14.6V
	Recommended charge current	90A
Discharge	Maximum charge current	150A
	Continuous discharge current	300A
	Maximum discharge cut-of current	600A (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

Olalitio Smart BMS LiFePO4 Battery

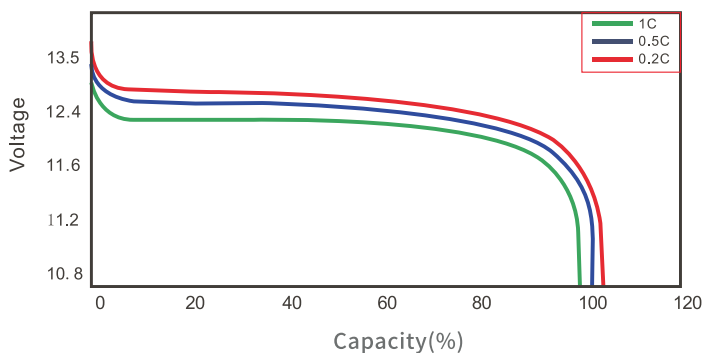


Model Performance Diagrams

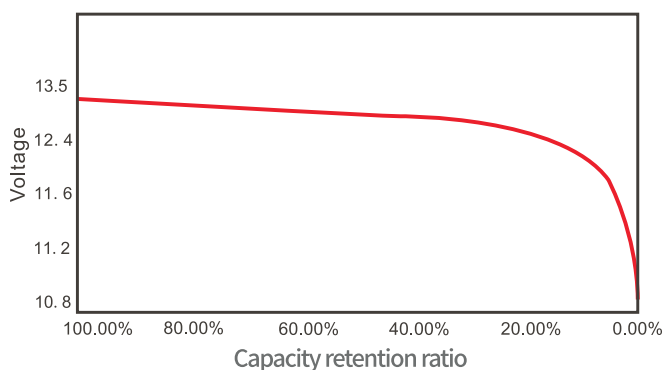
Number of Cycles Vs. DOD



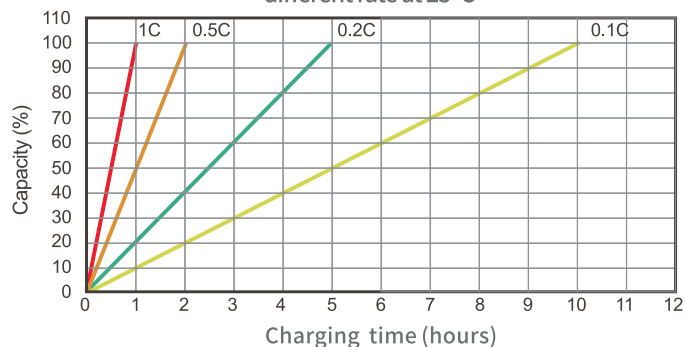
Discharge Performance at R.T.



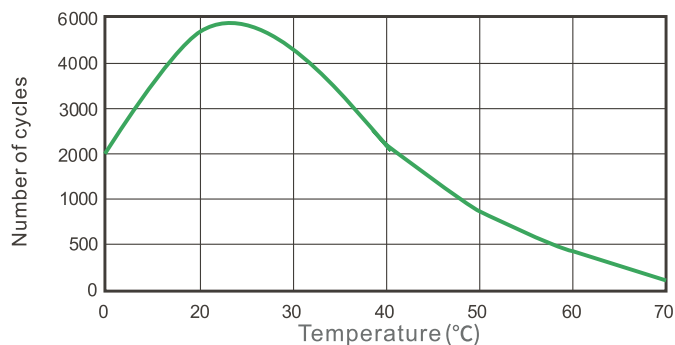
Battery Capacity (C) VS. Open Circuit Voltage (OCV)
SOC Vs OCV



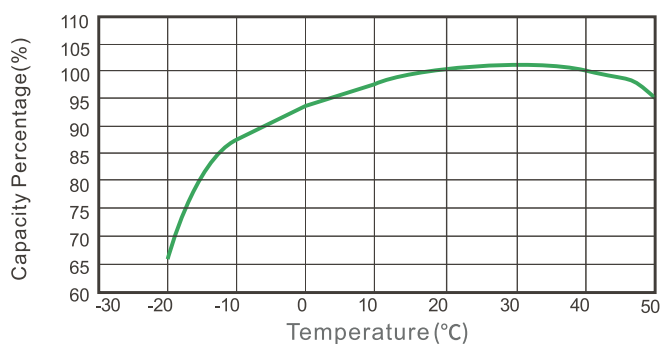
Battery Capacity Vs. Charging Time
Charging capacity(%) VS time with different rate at 25°C



Cycle Life in Relation to Temperature



Temperature Effects on Capacity



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