

ORBUS BATTERY

48V 100AH LiFePO4



Safe

Safe lithium iron phosphate battery cell

Modular

Compact size and light weight

Intelligent

Standard desing with helpful pilling ear Quick stacking

ORBUS BATTERY

48V 100AH LiFePO4

SPECIFICATION

Model	OLS 48100
Battery Type	LifeP04
Battery Capacity(Ah)	100
Normal Voltage(V)	48
Normal Battery Energy(kWh)	4.8
Max Output Power(kW)	3.6
Recommended Charge/Discharge Current(A)	50
Max. Charge/Discharge Current(A)	75
Peak Power Charge/Discharge Current(A)	100(15s)
Dimension (H*W*2D,mm)	558*466*189.5
Working Voltage(V)	42-54
Operating Temp. Range(°C)	-20-50
Calendar Life(Cycles)	6000
Protection Level	IP20
Communication	CAN/RS485/RS232
Certification & Safety Standard	CE/UN38.3
Compatible Inverters	Goodwe Victron Imeon Sols Luxpower Growatt GMDE Sofar Voltronic Deye More brands will be announced
Scalability	Up to 40 units to parallel
Net Weight(Kg)	45
Warranty Document Supplied	Yes
Color	White
Alarms	Overcharge Overdischarge Overcurrent Overtemperature Short Circuit
Pros	Can be used in both off-grid and hybrid setups, compact desing, floor or wall mount
Monitoring & Protection	Each system has intelligent BMS, and breaker embedded in system
Warranty	5/10 years