

LITHIUM ORBUS ESS OLS 48100
BATTERY MODULE

MODEL	OLS 48100
Battery Type	LiFePO4
Battery Capacity (Ah)	100
Nominal Voltage (V)	48
Nominal Battery Energy	4.8
Max. Output Power	3.6
Recommended Charge/Discharge Current	50
Max. Charge/Discharge Current	75
Net Weight	55
Dimension [W*D*H]	558*466*189.5
Working Voltage (V)	42 ~ 54
Operating Temp. Range (°C)	-20 ~ 50
Calendar Life (Cycles)**	6000
Protection Level	IP 20
Communication	CAN/RS485
Certification & Safety Standard	CE/UN38.3
Compatible Inverters	Goodwe Victron Imeon Solis Luxpower Growatt GMDE Sofar Voltronic Deye More brands will be announced
Scalability (kWh)	Up to 40 units to parallel
Warranty	5 years
Warranty Document Supplied	Yes
Color	White
Alarms	Overcharge Overdischarge Overcurrent Over temperature Short Circuit
Pros	Can be used in both off-grid and hybrid setups, compact design, floor or wall mount
Monitoring & Protection	Each system has intelligent BMS, and breaker embedded in system

** Test conditions:0.2C Charging/Discharging, @25 C,80%DoD