

LITHIUM ORBUS ESS OLS 48100
BATTERY MODULE



Module Name	BX48100
Cell Technology	Li-ion(LFP)
Battery Module Capacity (kWh)	4.8
Battery Module Voltage (Vdc)	48
Battery Module Capacity (Ah)	100
Battery Module Cell Quantity (pcs)	60
Battery Cell Capacity (Wh)	80
Battery Cell Voltage (Vdc)	3.2
Battery Cell Capacity (AH)	25
Battery Module Cell Quantity in Series (pcs)	15
Battery Module Charge Voltage (Vdc)	54.75
Battery Charge/Discharge Current (A)	50 (recommended)
	75 (max)
	100 (peak 15S)
Dimension(W*D*H, mm)	558*466*189.5mm
Communication	CAN/RS485
Pollution Degree (PD)	II
IP Grade	IP20
Weight(kg)	42.5
Working temperature	Charging 0°C~+55°C
	Discharging -20°C~+55°C
Humidity	5%~85% RH (No condensation, system work well.)
Storage temperature	-10°C~+35°C