

Super L Series

LITHIUM BATTERY MODULE

LS50: 48V 50Ah 2.4kWh **LS75: 48V 75Ah 3.6kWh**


Super L Series battery module is widely used in energy storage and electrical products including household energy storage systems and centralized power station energy storage system.

- Advanced high capacity, 90% DOD and 6000 cycles life
- Equipped with intelligent BMS for each battery pack to manage modules effectively
- Compared with the traditional module, Super L Series can meet the capacity storage and greatly enhance the cycle life
- Safe lithium iron phosphate battery cell
- Compact size ultralight module
- Practical pull ear design improves operation convenience

Model No .	LS50	LS75
Cell Technology	Li-ion (LFP)	
Battery Module Capacity (kWh)	2.4	3.6
Battery Module Voltage (Vdc)	48	
Battery Module Capacity (Ah)	50	75
Battery Module Cell Quantity (pcs)	30	45
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)	53.5	
Battery Module Charge Current (Normal)	25	37.5
Battery Module Discharge lower-Voltage (Vdc)	42	
Battery Module Discharge Current (Normal)	25	37.5
Battery Module Charge Current (Max. in 1s)	55	55
Cycle Life	90% DOD and 6000 cycles life	
Dimension (mm)	480x360x90	480x360x132
Communication	CAN / RS485	
Pollution Degree (PD)	II	
Protection category	IP20	
Weight (kg)	22	32