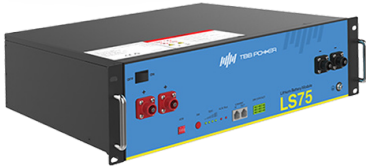


BAT023 | BAT037

LITHIUM BATTERY MODULE



LS50

50AH/48V 2U RACK MOUNT LITHIUM

LS75

75AH/48V 3U RACK MOUNT LITHIUM

OVERVIEW

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.

FEATURES & BENEFITS

- Advanced high capacity, 90% DOD and 6000 cycle 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

LITHIUM BATTERIES

LITHIUM BATTERY MODULE	LS50	LS75
Product Code	BAT023	BAT037
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(W*D*H, mm)	480×360×90mm	480×360×132mm
Communication	CAN/RS485	
Pollution Degree (PD)	II	
Protection category	IP20	
Weight(kg)	22	32
Rack	2U	3U
Dimension (mm)	480*360*90	480*360*132
Power Cable	Positive	Negative
Length (m)	2050	2050
Cable thickness (mm)	25	25
Maximum voltage withstand (V)	600	600
Maximum over-current withstand (A)	125	125
Temperature ratings (°C)	-40~105	-40~105
Warranty	7 Years + 3 Years*	

*Add 3 years to your warranty when you link your product to the NOVA App