



2.5-30 kWh **MTSK-LV**

Low Voltage Stackable LiFePO4 Battery



High Capacity



Scalable Design



Efficient Performance



Safe and Reliable



Real-time Monitoring



Durability



Intelligent BMS



Seamless Integration

Model		LV-BST-L2.56Ba/5.12Aa
Nominal Voltage(Vdc)		51.2
Nominal Capacity(Wh)		2560/5120
Working Voltage Range(VDC)		44.8-56.16
Charge Voltage(VDC)		58.4
Nominal Charge/Discharge Current(A)		25/50
Max.Charge/Discharge Current(A)		50/100
Peak Current(A)		100/200@3sec
Parallel Connection		≤ 10 pcs/≤ 6 pcs
Cycle life		6000 @ 80% DOD, 25°C / 0.5C
Structure		
Dimension(mm)		600*210*180/600*210*300
Weight(Kg)		27/48
IP rating		IP65
Installation		Stacked
Working Environment		
Charge working temperature(°C)		0~60
Discharge working temperature(°C)		-20~60
Altitude(M)		<2500
Humidity(RH)		5~95%(w/o condensing)
Communication		
Communication Port		RS485,CAN
Display		SOC status indicator, LED indicato
Certification		
CB, IEC62619; CE-EMC, CE-GPDS, UKCA; UN38.3, MSDS		