







STACKABLE LiFePO4 BATTERY

LB-50-S4~S9

Models	LB-50-S4	LB-50-S5	LB-50-S6	LB-50-S7	LB-50-S8	LB-50-S9
Schematic Diagram						
Cell Type	LFP					
Nominal Energy	11.52kWh	14.40kWh	17.28kWh	20.16kWh	23.04kWh	25.92kWh
Number of Battery Modules	4	5	6	7	8	9
Nominal Capacity	50Ah					
Nominal Voltage	230.4V	288.0V	345.6V	403.2V	460.8V	518.4V
Operating Voltage Range	201.6V-259.2V	252.0V-324.0V	302.4V-388.8V	352.8V-453.6V	403.2V-518.4V	453.6V-583.2V
Charge Current/Max. Continuous	50A					
Discharge Current/Max. Continuous	50A					
Recommended Depth of Discharge	80%					
Operating Temp. Range/Charge	0°C-50°C					
Operating Temp. Range/Discharge	-20°C-55°C					
Dimensions (W/H/D)	570/819/367mm	570/969/367mm	570/1119/367mm	570/1269/367mm	570/1419/367mm	570/1569/367mm
Weight	139kg	165kg	191kg	217kg	243kg	269kg
IP	IP20					
Expansion	Max. 6 groups in parallel operation					
Communication	CAN/WIFI					
Cooling Mode	Natural cooling					
Display	WIFI/Bluetooth APP+Light strip					
Cycles	6000@80% DOD, 25°C					
Design Life	15+ years					
Installation	Floor Mounted					
Environment	Indoor					
Allowed Humidity Range	≤95% RH					
Design Standard	UN38.3, IEC 62619, CE-EMC					