

LB-50-R4~R10

Models	LB-50-R4	LB-50-R5	LB-50-R6	LB-50-R7	LB-50-R8	LB-50-R9	LB-50-R10
Schematic Diagram							
Cell Type	LFP						
Nominal Energy	20.48kWh	25.06kWh	30.72kWh	35.84kWh	40.96kWh	46.08kWh	51.2kWh
Number of Battery Modules	4	5	6	7	8	9	10
Nominal Capacity	100Ah						
Nominal Voltage	204.8V	256V	307.2V	358.4V	409.6V	460.8V	512V
Operating Voltage Range	172.8V-230.4V	216V-288V	259.2V-345.6V	302.4V-403.2V	345.6V-460.8V	388.8V-518.4V	432V-576V
Charge Current/Max. Continuous	50A						
Discharge Current/Max. Continuous	60A						
Recommended Depth of Discharge	85%						
Operating Temp. Range/Charge	0°C-50°C						
Operating Temp. Range/Discharge	-10°C-55°C						
Dimensions (W/H/D)	554/650/440mm	554/780/440mm	554/910/440mm	554/1040/440mm	554/1170/440mm	554/1300/440mm	554/1430/440mm
Weight	193kg	238kg	283kg	328kg	373kg	418kg	463kg
IP	IP20						
Expansion	Max. 6 groups in parallel operation						
Communication	CAN						
Cooling Mode	Natural cooling						
Cycles	6000@85% 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, CB						