



Lithium Battery Home Solar

Battery Model

Battery box material	GC-R48100S	Galvanized sheet painting
Battery box size	594*482*179mm	
Battery type	LiFePO4	
Battery capacity	100AH	
Nominal Voltage	51.2V	
Battery Energy	5120Wh	
Maximum charging current	100A	
Recommended charging current	50A	
Rated discharge current	100A	
Maximum charging voltage	58.4V	
Discharge cut-off voltage	42V	
Using altitude	≤4000M	
Cycle life	6000+	
Heating function	Optional	
One Click Strong Start	Key Switch on/off	
Display	LCD Display , LED indicator	
Active equilibrium	Optional	
Positive and negative terminal posts	Full copper cylindrical high current	
Storage temperature	-10°C~+55°C	
Charge Temperature	0°C~+55°C	
Static weight	48.4kg	
Weight with wooden crate	58.4kg	
Usage temperature	-40°C~+65°C	
Communication interface	RS485,CAN	
Waterproof rating	IP20	
Accessories	Battery cable (red/black)6AWG , RS485 Cable , User manual	

