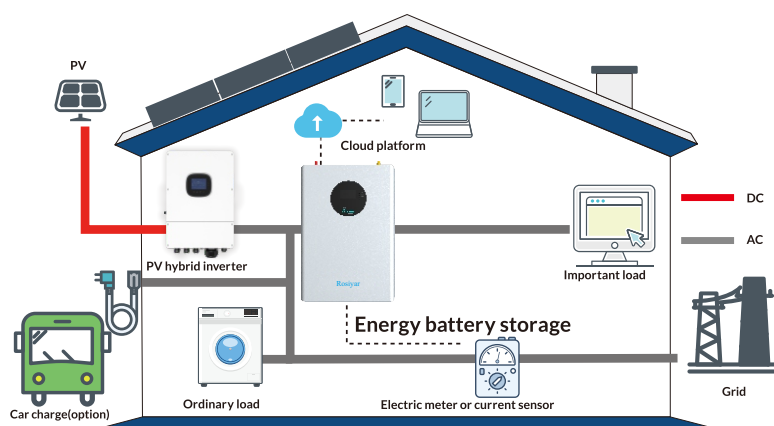


Home Energy Storage System



10.24kWh

Electrical Characteristics

Rate voltage	51.2VDC
Rate capacity	200Ah
Energy storage	10,24kWh
Cycle life	≥6000 cycles to 85% DOD
Months self discharge	≤2%
Efficiency of charge	100% at 0.2C
Efficiency of discharge	96-99% at 1C

Standard Charge

Standard charge current	40
Charge voltage	0.2C to 54.2V, then 58.4V charge current to 0.02C(CC/CV)
Charge mode	40A
Max.Charge current	100A

Standard Discharge

continuous current	100A
Discharge cut-off voltage	44.8VCD

Temperature

Charge temperature	0° C to 45° C (32F to 113F) @60+25% Relative Humidity
Discharge temperature	-20° C to 60° C (-4F to 140F) @60+25% Relative Humidity
storage temperature	-20° C to 60° C (-4F to 140F) @60+25% Relative Humidity

Mechanical

IP class	IP60
Material	LiFePO4
Case material	Metal
Case type	RackWall Mount
Size	750*485*210(mm)
weight	90KG
Terminal	M8
protocol(optional)	CANBus/RS485/RS232
SOC(optional)	LED/LCD
The quality assurance period	60 months