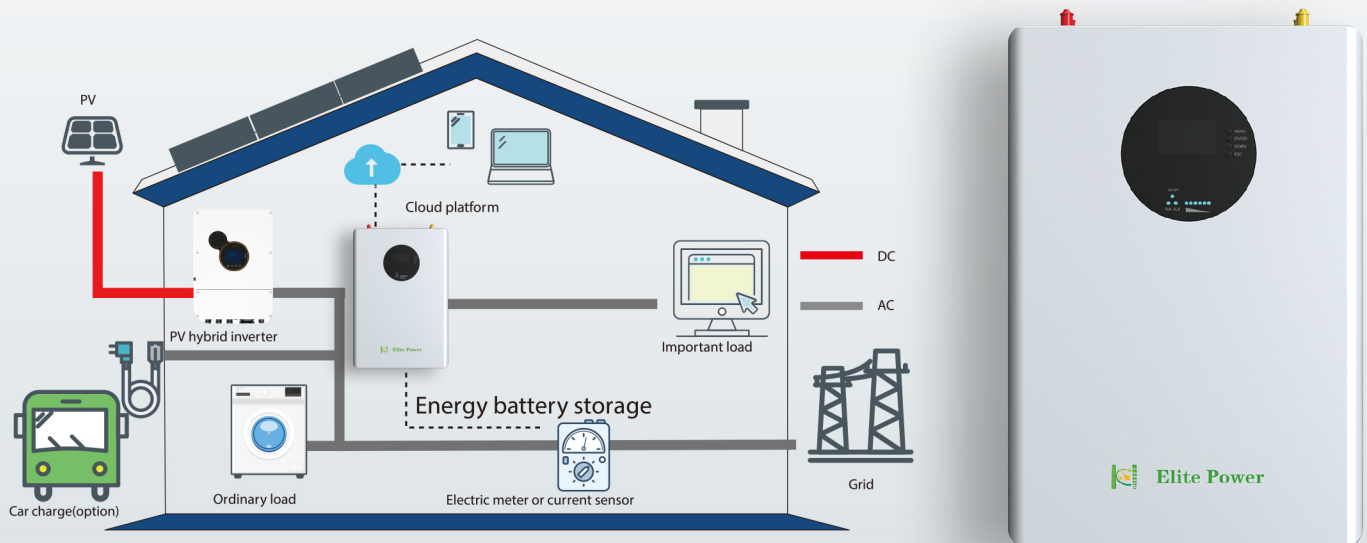


# Home energy Storage system



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	
contiuous current	100A
Discharge cut-off voltage	44.8VCD
Temperature	
Charge temperature	0°℃ to 45 °℃ (32F to 113F) @60+25% Relative Humidity
Discharge temperature	-20°℃ to 60 °℃ (-4F to 140F)@60+25% Relative Humidity
storage temperature	-20°℃ to 60 °℃ (-4F to 140F)@60+25% Relative Humidity
Mechanical	
IP class	IP60
Meterial	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