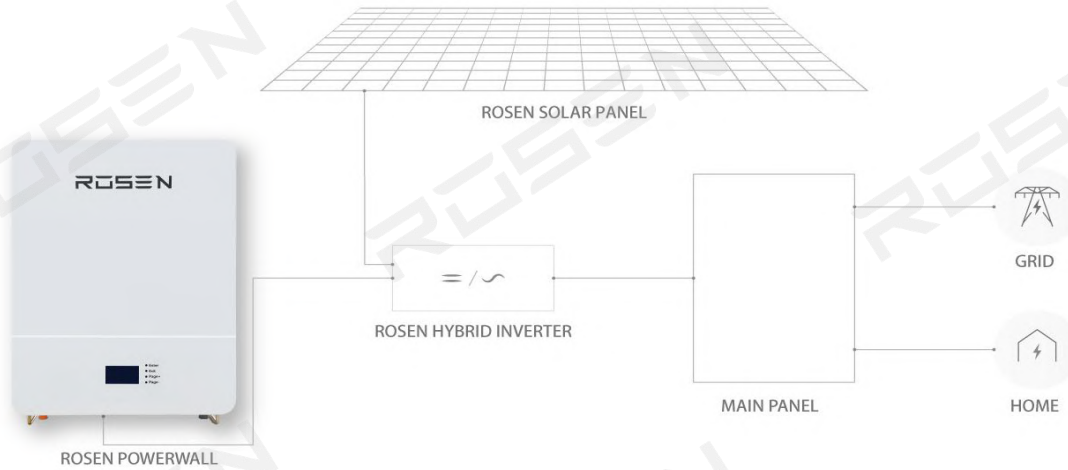




ROSEN SOLAR ENERGY CO.,LTD

Energy Storage Powerwall Lithium Battery



Long Life and Warranty

More than 6000 cycles with 80% DoD.
at 0.5C standard
Useage 10-15 years
Warranty 8-10 years



Intelligent

Each battery builtin BMS system , manage the battery power output smartly and effectively.



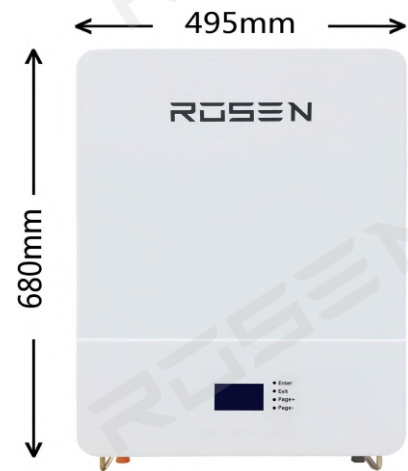
Modularization

Modular design gives the end customers the power of choice of capacity deliver up to 140kw with single max module at 14pcs parallel connection .



Safety Certification

UL , IEC , CE , UN38.8 , MSDS





BATTERY SPECIFICATIONS

Model	RSE48100	RSE48150	RSE48200
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PERFORMANCE SPECIFICATIONS

Battery voltage	48VDC	48VDC	48VDC
Battery Capacity	100Ah	150Ah	200Ah
Energy	4.8 kwh	7.2 kwh	9.6 kwh

MECHANICAL SPECIFICATIONS

Dimensions(L*W*H)	680*495*190mm	680*495*190mm	680*495*190mm
Weight	45kg	70kg	87kg
Package	1 pcs per wooden case		
Mounting options	Floor or wall mount		

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-20°C to 60°C @60+/-25% Relative Humidity
Storage Temperature	0°C to 45 °C @60+/-25% Relative Humidity
Enclose protections rating	IP21

ELECTRICAL PARAMETERS

Operation voltage	42-54VDC
Max.charging voltage	54VDC
Max.charging and discharging curent	100A

