

Rosen 384V 50AH HV Stack Battery Series

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Flexible Capacity
Maximum 19.2kwh



Wide Compatibility
Matching with leading inverters



High Safety
LFP & smart BMS



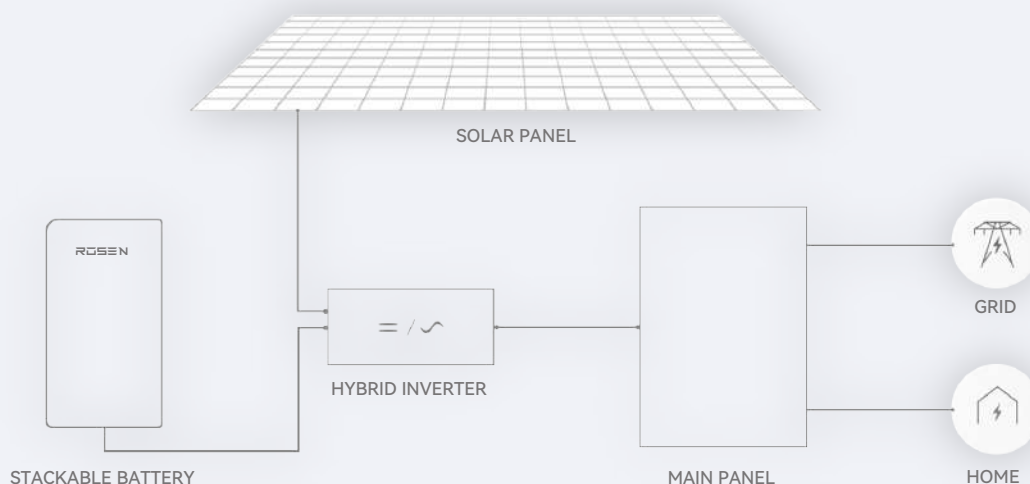
Ultimate Use Experience
-20 °C to +55°C Operating Temperature
Super Quiet Operation
Long cycle life and superior performance



Easy Installation
Rack-mounted



APP Monitoring
Real-time monitoring
& Remote upgrade available



Technical Specification

ROSEN

Module	384V 50AH
Electrical Characteristics	
Rate voltage(Vdc)	384
Cell combination(S1P)	30S1P*4S
Rate capacity(AH)	50
Energy storage(KWH)	19.2
Cycle life	6000 cycles @80% DOD, 0.5C
Charge/Discharge Standard	
Charge voltage(V)	420
Max. charge current(A)	50
Max. discharge current(A)	50
Discharge cut-off voltage(VDC)	324
Charge cut-off voltage(VDC)	432
Enviorment	
Charge temperature	0°C to 55°C@60±25% Relative Humidity
Discharge temperature	-20°C to 55°C@60±25% Relative Humidity
Storage temperature	-20°C to 55°C@60±25% Relative Humidity
Mechanical	
IP class	IP65
Material system	LiFePO4
Pack dimension L*W*H(mm)	680*185*1815
Net weight(kg)	210
Communication	
Protocol(Optional)	Canbus/RS485/RS232

