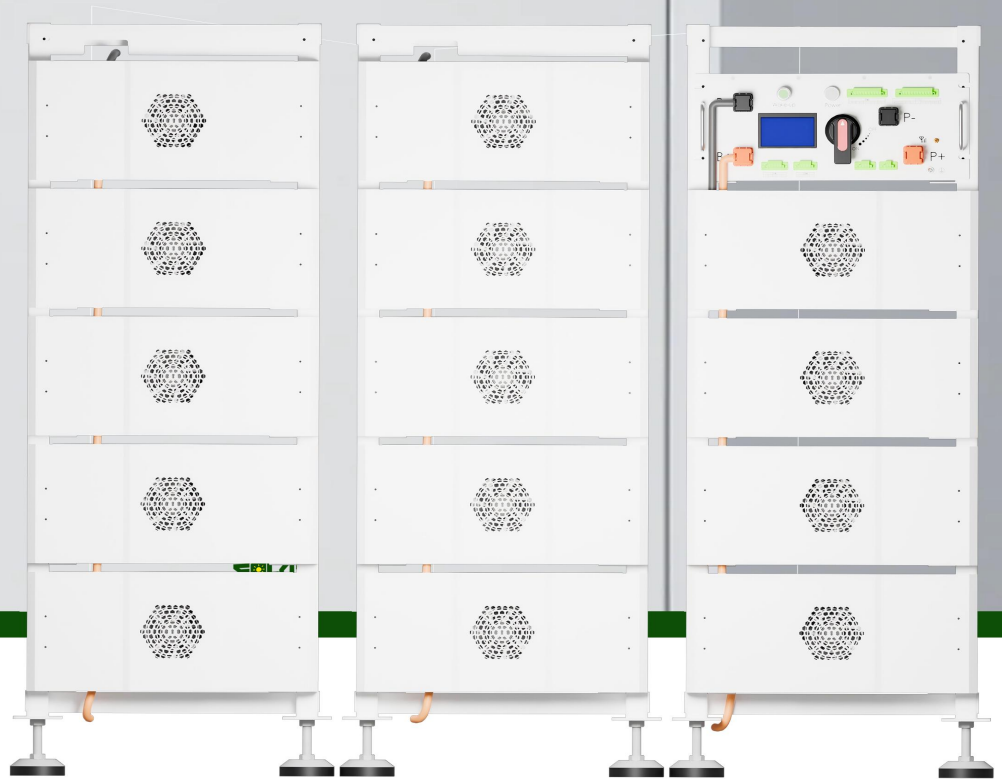


WS Rack High Voltage Lithium Battery

204.8V-768V 280AH/314AH

Wattsolar 57KWH~241KWH
BESS , Maximum can be
expanded to 3.85MWH. Designed
specifically for commercial
and industrial (C& I) field.



Product Advantages



Self-Consumption



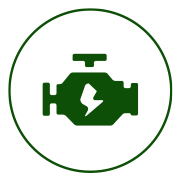
Demand Charge



Micro-grid



Off grid



DG+BESS



V2G



Back Up

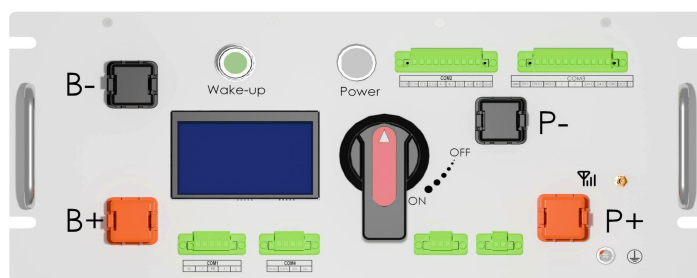


Peak Shifting

Battery Pack



High Voltage Control Box



Product parameters

Parameter model	GHR-280Ah/GHR-314Ah
Nominal power consumption	51.2v
Nominal Capacity	280Ah/314Ah
Cell Type	Lithium Iron Phosphate (LifePO4)
Maximum number of serial connections supported	15 strings
Battery pack size	801*532*233
Weight of battery pack	112KG/114KG

Battery system data

Module quantity configuration	4 pieces in series		9 pieces in series		15 pieces in series	
Rated energy	57.344kwh	64.31kwh	129.024kwh	144.69kwh	215.04kwh	241.152kwh
Nominal energy	280AH	314AH	280AH	314AH	280AH	314AH
Nominal voltage	204.8V		460.8V		768V	
Charging cutoff voltage	233.6V		525.6V		876V	
Discharge Cut-off Voltage	172.8V		388.8V		648V	
Maximum continuous charging and discharging current	≤140A	≤157A	≤140A	≤157A	≤140A	≤157A
Suitable temperature for charging	0 ~60℃		0 ~60℃		0 ~60℃	
Suitable discharge temperature	-20℃~60℃		-20℃~60℃		-20℃~60℃	
Warranty period	5Years					
Number of cycles	≥8000 90%DOD 25℃					
Reference size	838*582*1480(tall)		838*582*1480(tall)		838*582*1480(tall)	
Reference weight	526kg	534kg	1130kg	1148kg	1868kg	1898kg
Protection grade	IP20					
Communication interface	CAH/RS485					
Cooling method	Forced air cooling					