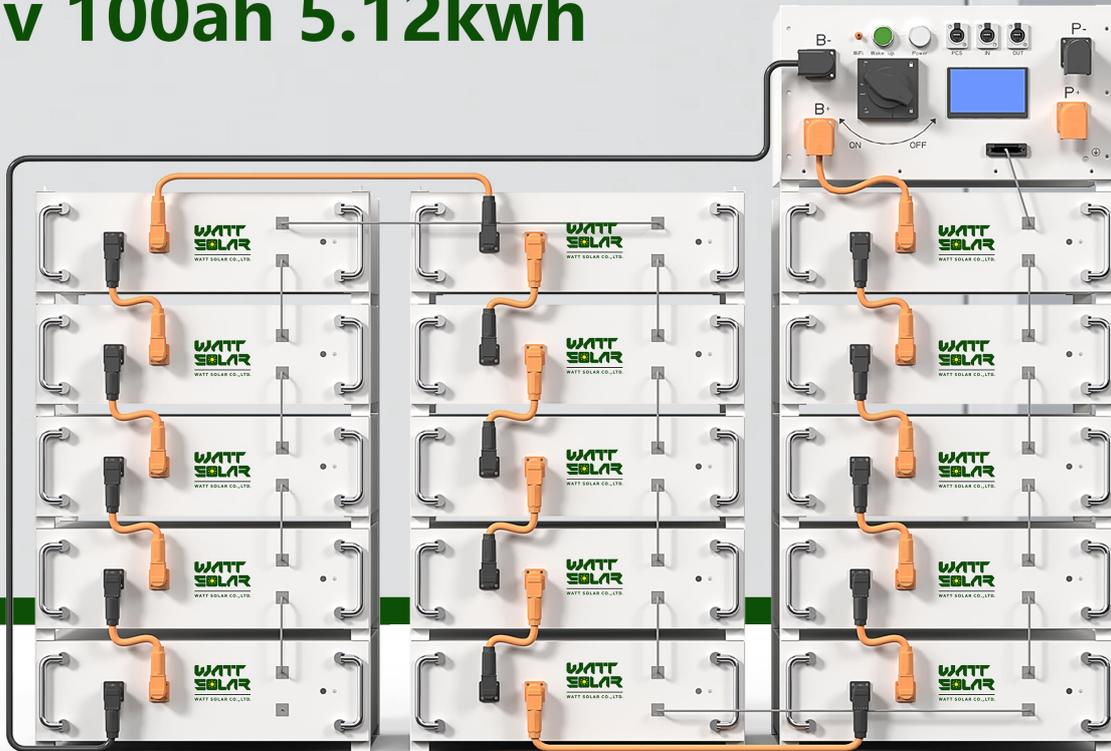


High-voltage stacked lithium battery

LFP Battery

51.2v 100ah 5.12kwh



Container

PRODUCT FEATURE



HIGH CYCLE LIFE

Can achieve 6000 cycles at 90% state of charge, effectively reducing total cost of ownership.



FAST CHARGING SPEED

High charge and discharge efficiency, reducing equipment downtime and saving more time.



HIGHLY ADAPTABLE

Strong environmental adaptability, can withstand up to 60°C.



SAFER

Real-time monitoring of PDU for better system protection.



EASY TO STORE

Due to its extremely low self-discharge rate (LSD) and no risk of sulfation, it can last up to 6 months.



EASY TO STORE

Lithium batteries provide more watt-hours per kilogram while weighing only one-third of their SLA equivalents.

Technical Data

Model number		GHR-100		
BATTERY PARAMETERS	Rated voltage (V)	51.2		
	Rated capacity (Ah)	100		
	Rated energy of battery (kWh)	5.12		
	Weight (kg)	40.8		
	Dimensions: Length * Width * Height (mm)	482*475*133		
	Recommended charging current (A)	50		
	Recommended discharge current (A)	50		
	Charging temperature (°C)	0~55		
OPERATIONAL PARAMETERS	Discharge temperature (°C)	-20~60		
	Storage temperature (°C)	-10~40		
	Operating humidity	10%-95%【No condensation】		
	Storage humidity	5%-95%【No condensation】		
	Multi-module (connection)	6PC Series (Min)	15PC Series (Max)	
	Rated voltage (V)	307.2	768	
	Rated energy (kWh)	30.72	76.8	
	Operating voltage range (V)	268.8~345.6	672~864	
SYSTEM PARAMETERS	Size: L * W * H (mm)	482*475*1192	1500*475*1035	
	Weight (kg)	244.8	612	
	Port communication	CAN		
	IP rating	IP20		
	Cycle life	> 6000 (0.5C @ 25°C, 90% DOD)		
	Design lifespan (years)	15		