

# High-voltage stacked lithium battery

## LFP Battery

51.2v 314ah 16kwh



## 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		GHS-314		
BATTERY PARAMETERS	Rated voltage (V)	51.2		
	Rated capacity (Ah)	314		
	Rated energy of battery (kWh)	16.08		
	Weight (kg)	119.4		
	Dimensions: Length * Width * Height (mm)	798*478*278		
	Recommended charging current (A)	157		
	Recommended discharge current (A)	157		
	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)	4PC Series (Min)	15PC Series (Max)	
	Rated voltage (V)	153.6	768	
	Rated energy (kWh)	48.23	241.15	
	Operating voltage range (V)	179.2~230.4	672~864	
SYSTEM PARAMETERS	Size: L * W * H (mm)	798*478*1367	798*1500*1645	
	Weight (kg)	501.4	1814.8	
	Port communication	CAN		
	IP rating	IP20		
	Compatible with inverter	Growatt,Solis Goodwe,Sol-Ark,SRNE,DEYE		
	Cycle life	> 6000 (0.5C@ 25°C, 90% DOD)		
	Design lifespan (years)	15		