

# High-voltage stacked lithium battery

## LFP Battery

51.2v 200ah 10kwh



## 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

BATTERY PARAMETERS	Model number	GHS-200	
	Rated voltage (V)	51.2	
	Rated capacity (Ah)	205	
	Rated energy of battery (kWh)	10.49	
	Weight (kg)	91.2	
	Dimensions: Length * Width * Height (mm)	685*478*278	
	Recommended charging current (A)	100	
	Recommended discharge current (A)	100	
	Charging temperature (°C)	0~55	
	Discharge temperature (°C)	-20~60	
OPERATIONAL PARAMETERS	Storage temperature (°C)	-10~40	
	Operating humidity	10%-95%【No condensation】	
	Storage humidity	5%-95%【No condensation】	
SYSTEM PARAMETERS	Multi-module (connection)	4PC Series (Min)	15PC Series (Max)
	Rated voltage (V)	204.8	768
	Rated energy (kWh)	42	157.44
	Operating voltage range (V)	179.2~230.4	672~864
	Size: L * W * H (mm)	685*478*1367	685*1500*1645
	Weight (kg)	388.6	1391.8
	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	