

# GHS-314 (HIGH VOLTAGE)

## LFP Battery

51.2V 314Ah

### 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 BMS 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.

### PRODUCT PARAMETER

BATTERY PARAMETERS	
Model number	GHS-314
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
OPERATIONAL PARAMETERS	
Charging temperature (°C)	0~55
Discharge temperature (°C)	-20~60
Storage temperature (°C)	-10~40
Operating humidity	10%-95% <b>[No condensation]</b>
Storage humidity	5%-95% <b>[No condensation]</b>
Multi-module (connection)	4PC Series (Min)      15PC Series (Max)
SYSTEM PARAMETERS	
Rated voltage (V)	153.6      768
Rated energy (kWh)	48.23      241.15
Operating voltage range (V)	179.2~230.4      672~864
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