

GLR-314 (LOW 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	GLR-314
Rated voltage (V)	51.2
Rated capacity (Ah)	314
Rated energy of battery (kWh)	16.08
Weight (kg)	125.8
Dimensions: Length * Width * Height (mm)	838.5*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% [No condensation]
Storage humidity	5%-95% [No condensation]
Multi-module (connection)	2PC Series (Min) 16PC Series (Max)
SYSTEM PARAMETERS	
Rated voltage (V)	51.2
Rated energy (kWh)	32.15 257.22
Operating voltage range (V)	44.8~57.6
Size: Length * Width * Height (mm)	838.5*478*556 850*1500*1668
Weight (kg)	251.6 2012.8
Port communication	RS485、RS232、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