

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.



HIGHLY ADAPTABLE

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



EASY TO STORE

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



FAST CHARGING SPEED

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



SAFER

Real-time monitoring of BMS for better system protection.



EASY TO STORE

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



PRODUCT PARAMETER

Model number	HFL-314
Rated voltage (V)	51.2
Rated capacity (Ah)	314
Rated energy of battery (kWh)	16.08
Voltage range (V)	44.8-57.6
Recommended charging current (A)	157
Recommended discharge current (A)	157
Charging temperature (°C)	0~55
Discharge temperature (°C)	-20~60
Storage temperature (°C)	-10~40
Size: Length * Width * Height (mm)	503*233*880
Weight (kg)	122
Port communication	RS485、RS233、CAN
Display	LED+Liquid crystal
Wireless communication	Bluetooth
Cycle life	>6000 (0.5C@ 25°C, 90% DOD)
Design lifespan (years)	10
Security and Authentication	CE,EMC
Transportation	UN38.3

*The parameters in this table are experimental data, and the actual product shall prevail.