GE-FL60 & GE-FH60

- Rated power operation the maximum temperature of the battery is less than 40°C.
- **GE-FL60**:
  BMS integrated technology, power supply redundancy design, support black start function,Off grid operation,etc.
- **GE-FH60**:
  EMS,hybrid inverter and BMS integrated technology,power supply redundancy design, support black start function,Off grid operation,etc.
- Suitable for high rate cyclic charging and discharging scenarios.
- Lithium Iron Phosphate (LFP) Battery, The battery pack and system adopt an aerosol fire extinguishing solution.
- Combustible gas, smoke and temperature detection, system active exhaust, and fire alarm.
- Supports battery expansion, with a maximum capacity of 360KWh.

Technical Data

Model		GE-FL60	GE-FH60
Main Parameter			
Cell Chemistry		LiFePO4	
Module Energy (kWh)		5.12	
Module Nominal Voltage (V)		51.2	
Module Capacity (Ah)		100	
Battery Module Qty In Series (Optional)		6(Max)	12
System Nominal Voltage (V)		307.2	614.4
System Operating Voltage (V)		240~350	500~750
System Energy (kWh)		61.44	
System Usable Energy (kWh)[1]		55.29	
Charge/ Discharge Current (A)[2]	Recommend	100	50
	Nominal	100	
	Peak Discharge	125	
Working Temperature		Charge: 0°C~55°C / Discharge: -20°C~55°C	
Status Indicator		Yellow: Battery High Voltage Power On Red: Battery System Alarm	
Communication Port		CAN2.0/RS485	
Humidity		5%~85%RH	
Altitude		≤2000m	
IP Rating of Enclosure		IP55	
Dimension (W/D/H, mm)		735*1045*2235	
Weight Approximate (kg)		1015	
Installation Location		Floor-Mounted	
Storage Temperature (°C)		0°C~35°C	
Recommend Depth of Discharge		90%	
Cycle Life		≥6000 (@25°C±2°C, 0.5C/0.5C, 70%EOL)	
Warranty[3]		10 years	
Certification		UL1973, UL9540A, UN38.3	

[1] DC Usable Energy, test conditions: 90% DOD, 0.3C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.
[2] The current is affected by temperature and SOC.
[3] The warranty is due whichever reached first of warranty period or life cycle power.