

GE-F60



- All-In-One Hybrid ESS  
GE-F60
- Rated power operation the maximum temperature of the battery is less than 40°C.
  - 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-F60
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)		12
System Nominal Voltage (V)		614.4
System Operating Voltage (V)		500~750
System Energy (kWh)		61.44
System Usable Energy (kWh) <sup>[1]</sup>		55.29
Rated DC Power (kW)		61.44
Charge/ Discharge Current (A) <sup>[2]</sup>	Recommend	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)		1010
Installation Location		Rack Mounting
Storage Temperature (°C)		0°C~35°C
Recommend Depth of Discharge		90%
Cycle Life		25°C±2°C, 0.5C/0.5C, EOL70%≥6000
Warranty <sup>[3]</sup>		10 years
Certification		UN38.3, IEC62619, IEC61000, IEC62040

[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.  
[4] Made in China.