



### **Long life and safety**

Vertical industry integration ensures more than 6000 cycles with 80% DoD.

### **Easy to install and use**

Integrated inverter design, easy to use and quick to install. Small size, minimizing installation time and cost. Compact and stylish design suitable for your sweet home environment.

### **Multiple working modes**

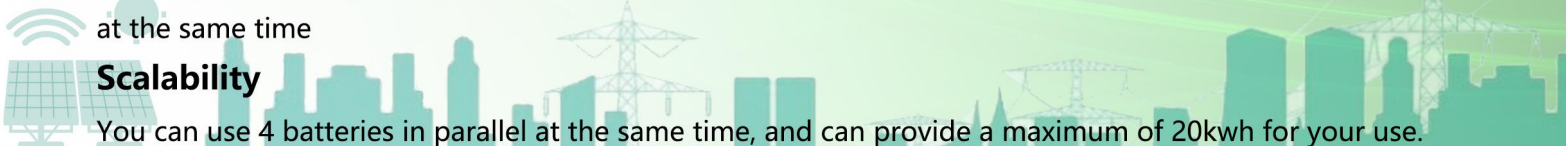
The inverter has a variety of working modes. Whether it is used for main power supply in the area without electricity or backup power supply in the area with unstable power to deal with sudden power failure, the system can respond flexibly.

### **Fast and flexible charging**

A variety of charging methods, which can be charged with photovoltaic or commercial power, or both at the same time.

### **Scalability**

You can use 4 batteries in parallel at the same time, and can provide a maximum of 20kwh for your use.



## Product parameters

Product model	HG-FP5KWH
Rated voltage	51.2V
Rated capacity	100Ah
Rated energy	5.12kWh
Weight	55kg
Dimensions (L*W*H)	620*460*182mm
Battery type	LFP
Life time(25°C)	20 Years
Life cycles (80% DOD,25°C)	6000 Cycles
Max.charging voltage	57.6V
Over discharge voltage	43.2V
Constant charging current	100A
Constant discharging current	100A
Peak charging current	105A (1.0S)
Peak discharging current	105A (1.0S)
Max.Number of parallel	4
Communication interfaces	CAN/RS232/RS485
Lithium Battery Standard	UN38.3,MSDS,EN55032,EN55024,EN61000-3-2
Storage time / temperature	6 months 25°C; 3 months 35°C; 1 months 45°C;
Charging temperature range	0~45°C
Discharging temperature range	-10~45°C
Cooling method	Natural cooling
Enclosure protection rating	IP65
Operation Environment	Indoor

