



HMK PLUS Home ESS Lithium Battery

Home ESS Lithium Battery 5kWh



Ultra-long Lifespan

Ultra-long cycle life of the cell, with deep cycle count reaching ≥ 6000 cycles.



Safe & Reliable

Overload Protection, Short-Circuit Protection, IP65 Protection, Built-in BMS, Natural Cooling, Corrosion Resistance.



Robust Compatibility

Pure Sine Wave Comparable to Utility Power, Protects Sensitive Appliances, a Reliable Choice.



Easy to Operate

LCD Screen for Simple Function Operation, RGB LED for Status Indication.

DATASHEET	5kWh
Cell Type	LiFePO ₄ (LFP)
Nominal cell voltage	3.2V
Nominal cell voltage	100A
Configuration	16S1P
Rated Voltage	51.2V
Rated Capacity	100A
Charging current	50A
Discharge current	100A
Dimension, DxWxH (mm)	580*400*160
Weight (Kg)	42
Service life	6000 cycles (at 25°C, 0.5C rate, 90% DOD, end of life at 70% capacity)
Communication interface	RS485/CAN/RS232
Standard configuration	LCD screen
Balancing method	Passive balancing
Cooling method	Natural ventilation
Protection / Alarm	Overcharge / Over-discharge / Over-current / Over-temperature
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0°C - 55°C
Storage Temperature	-15°C - 60°C
Waterproof grade	IP65

Product specifications are subject to change without further notice.

