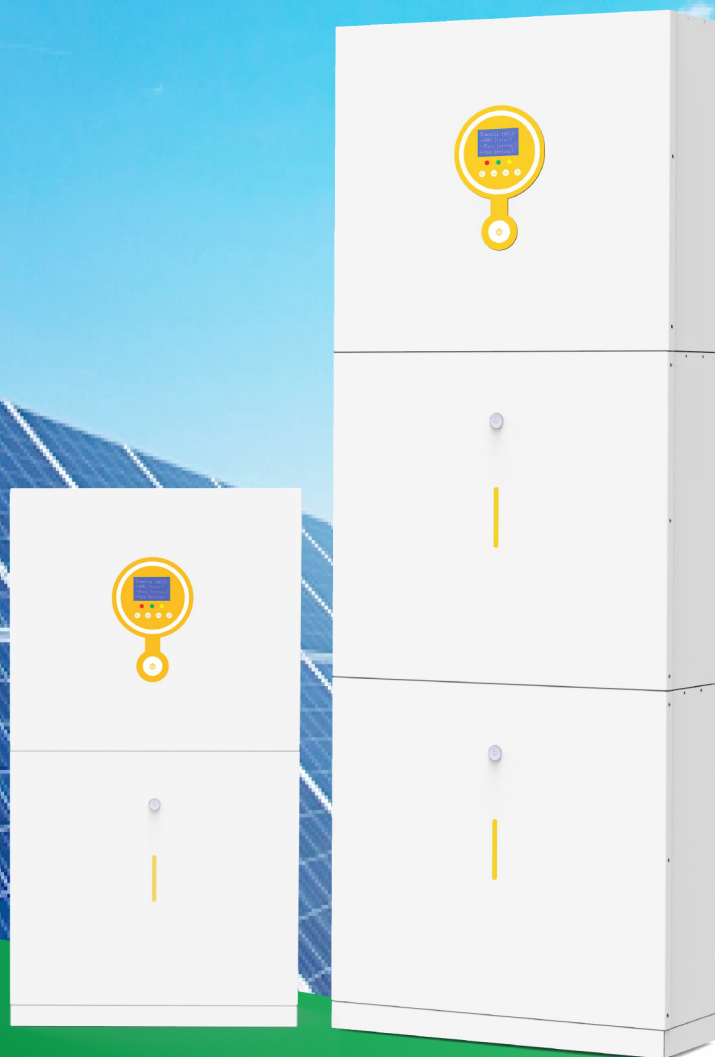




ALL IN ONE series

Home Energy Storage System



»» MAIN FEATURES

🏠 Designed for Families

- Support Off-grid / Hybrid / On-Grid output
- Multiple charge and discharge modes available

🛡️ Safety

- High quality LiFePO₄ cells
- Smart Lithium ion battery management solutions

🔧 Easy to Upscale

- Up to four batteries in parallel expand to 20.48kWh
- Up to two systems in parallel with double storage & output

🔌 Easy to Install

- No matching and commissjoning required, easy to instal
- Plug-and-play,eliminate the clutter of wires

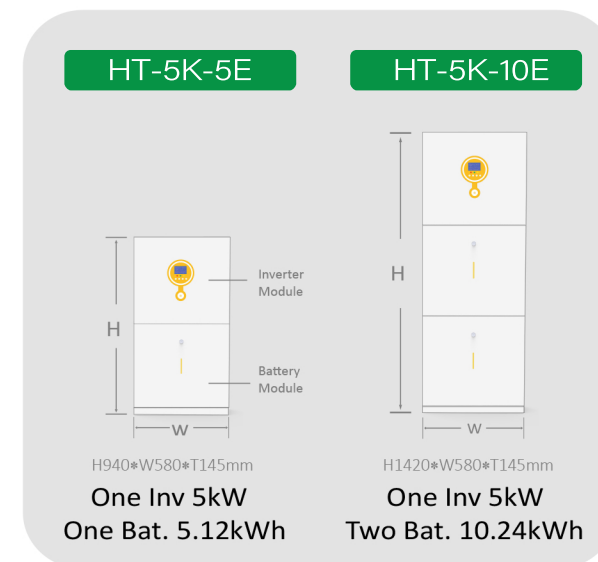
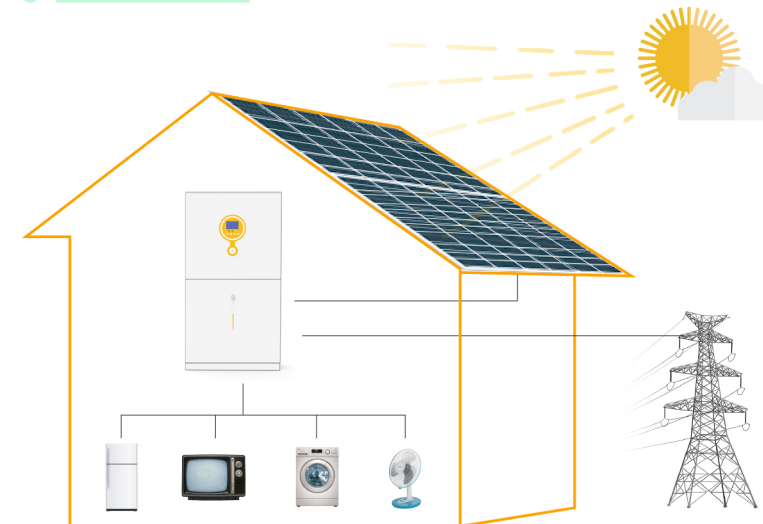
👤 User Friendly

- Get started quickly and use it insitantly
- Min. width of just 15cm, saving space in the home

🧠 Intelligence

- Support Wifi view resl-time data through App
- Large LCD screen with real-time data

● Application



Inverter Module	HT-Aiov 5K	HT-Aiov 10K	Can Be Set
Output			
Rated Output Power	5,000W		
Max. Peak Power	10,000VA		
Load Capacity of Motor	4HP		
Wave Form	PSW （Pure Sine Wave）		
Rated Output Voltage	220Vac （single-phase）		✓
Max. Parallel Capacity	2units （up to10kW）		✓
Output Mode	Off-grid / Hybrid / On-grid		✓
Solar Input			
Solar Charge Type	MPPT		
Max. Solar Array Power	5,500W		
Max. Solar Open Circuit Voltage	500Vdc		
Grid / Generator Input			
Input Voltage Range	90~280Vac		
Bypass Overload Current	40A		
Battery Charging			
Max. Solar Charging Current	100A		✓
Max. Grid / Generator Charging Current	60A		✓
General			
Dimension	400*580*145mm		
Weight(Kg)	~18Kg		
Battery Module	HT-5.12KWh/10.24KW	HT-15.36KWh/20.48KW	Can Be Set
Battery Power	5.12kWh		
Rated Voltage	51.2V		
Rated Capacity	100Ah		
Battery Type	Prismatic LFP		
Cycling Life Span	≥6000 (80%DOD, 0.5C, 25°C)		
Max. Parallel Capacity	4units （up to 20.48kWh）		✓
Dimension	480*580*145mm		
Weight(Kg)	~45Kg		
Standard	UN38.3, MSDS, UL1973, IEC62619:2017, EN IEC61000-3-2, EN IEC61000-6-1,RoHS		