

STACKABLE ALL-IN-ONE ESS

2PACK:5.7kW/10kWh

3PACK:7.6kW/15kWh

4PACK:11.5kW/20kWh



Reliable Safety

- IP67, C4 salt spray resistance
- A+ grade cells with automotive-grade standard
- Smoke detection, active pressure relief
- Type II DC/AC surge protection, lightning-proof
- Supports Built-in MLPE Solutions

Convenient Installation

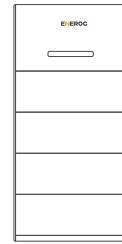
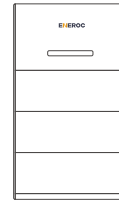
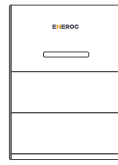
- Truly all-in-one system, no additional accessories
- Stackable design for 10-20kWh capacity flexibility
- Wireless quick-connect interface, plug-and-play

Advanced Performance

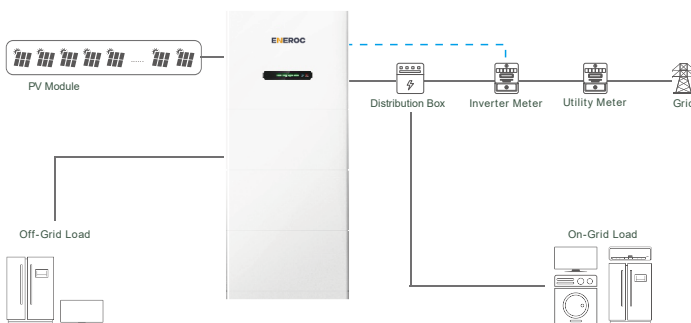
- 160% PV overload capacity
- System-level expert control
- Split-phase unbalanced output for max. PV utilization
- Microgrid support, off-grid activation of third-party grid-tied inverters

Ultimate Experience

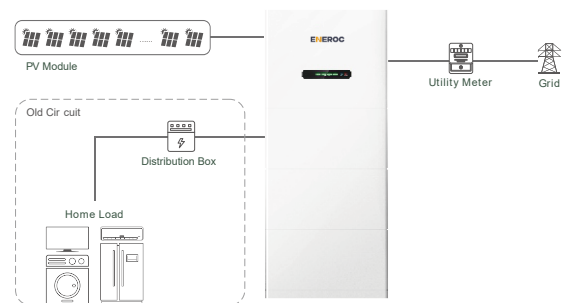
- Automotive-grade BMS for efficient energy management
- Scenario-based app with real-time energy monitoring
- AI-powered cloud with 24/7 alerts and optimization
- Intelligent control for generators and heat pumps



Product Model	PC-H5K7-HSPA	PC-H7K6-HSPA	PC-H11K5-HSPA
System			
Hybrid Inverter		1	
Battery Module	2	3	4
Base		1	
PV Data			
Max. Input Power	160% Rated Total 9,200 W (each string≤4,600 W)	160% Rated Total 12,200W (each string≤4,600 W)	160% Rated Total 18,400 W (each string≤4,600 W)
Max. Input Voltage		600V	
MPPT Operating Voltage Range		80 ~ 560V	
MPPTs		3	
Input Connector s per MPPT		1-1-2	
Max. Input Current		20A-20A-20A/20A	
Max. Short Circuit Current		30A-30A-30A/30A	
MLPE		Compatible with Tigo MLPE (T S4-A-F & RSS Transmitter)	
AFCI (Arc Fault Circuit Interr upter)		Integrated	
AC Data			
AC Continuous Output	5,700VA/23.75A	7,600VA/31.7A	11,500VA/48.0A
Current Carrying Capacity		200A per phase	
Nominal Output Voltage		2W+N+GND, 120/240 Vac	
Frequency		60Hz	
Backup			
Max. Continuous Output Power	5,700W/23.75A	7,600W/31.7A	11,500W/48.0A
Battery			
Battery Type		LiFePO4	
Total Capacity	10.6kWh	159kWh	21.2kWh
Smoke Detection		Integrated	
Pressure Relief Valve		Integrated	
General			
Operating Temperature		14°F~122°F/-10°C~50°C	
Surge Arrester		AC/DC II/II	
Cooling Method		Natural Cooling	
Ingress Protection		IP67	
User Interface		LED / App / Web	
Communication		CAN / RS485 / WIFI / 4G / LAN / PLC	
Dimensions (W*H*D)	27.6*52.0*7.9" 700*1320*200mm	27.6*65.8*7.9" 700*1670*200mm	27.6*79.6*7.9" 700*2020*200mm
Weight	335lb / 152kg	445lb / 202kg	555lb / 252kg
Mounting Method		Wall Mounted / Floor Mounted	
Certification	UL9540, UL9540A, UL1741, UL1973, CEC Listed, IEEE1547, IEEE1547A, IEEE1547.1, UN38.3, CSA C22.2 No. 107.1-16, FCC15B		



Partial Home Backup



Whole Home Back up
(No old circuit adjustment)