

HeroEE 8 AIO

Residential ESS

8038.4Wh

5000W



Product Features



All In One

3-in-1: Inverter, Battery, and MPPT.

Saves time and labor, installable even in remote areas.



High Performance

Output power reaches 5kW,

over 38% higher than the 3.6kW of similar products.



180% PV Oversizing

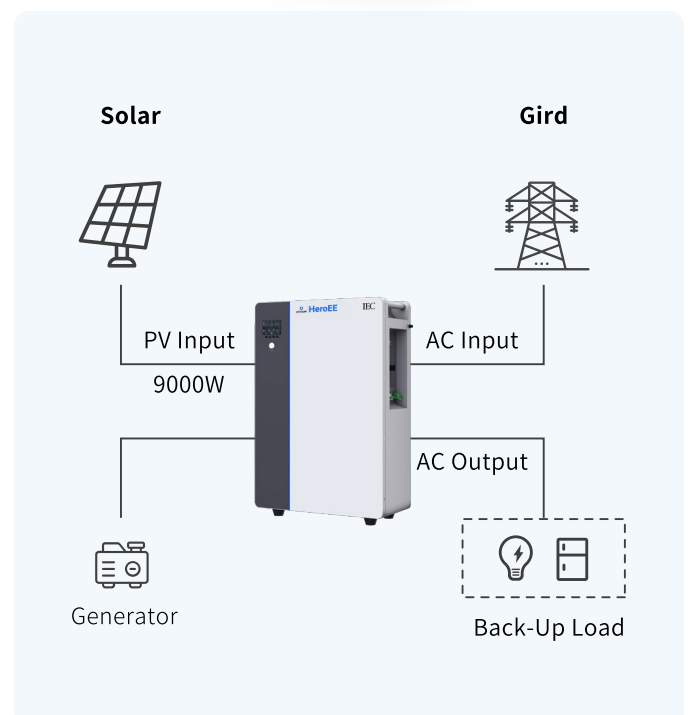
9kW PV input with 180% overprovisioning,

enabling more efficient simultaneous charging and usage.



All-Round Safety

Short-circuit protection, surge resistance,
safe and reliable.



PRODUCT DETAILS

Model	HeroEE 8 AIO
Max. PV Input Power	9000W
MPPT Voltage Range	60-450[VDC]
Max.PV Input Current	27A
MPPT Tracking Efficiency	99.5% Max
AC Mode	L+N+PE
Rated Input/Output Power	5000W
Rated Voltage	230[VAC], 50Hz/60Hz, Sin Wave
Overload Capacity	PV+Battery&PV Mode (Rated 5kW): 1min@102%-120%Load, 10s@>120%Load, Battery current ≤ 190A; Bypass mode: 1min@40-50A, 10s@50A-55A, 200ms@>55A
Input Voltage Range	90-280[VAC] @40-70Hz@APP/GEN MODE
Battery Type	LiFePO4
Battery Capacity	8038.4Wh
Cell Capacity	314Ah
Battery Cycles	11000 cycles@(25°C, 100%DOD, 0.5P, @70%SOH)
Interface Port	USB/RJ45/MC4/Phoenix Terminal
Built-in Screen	LCD Screen
Ingress Protection Level	IP20
Protection	AC low voltage, AC high voltage, AC over current, AC frequency offset, Battery low voltage, Battery low voltage, Battery high voltage, Battery short circui, Photovoltaic high voltage, Photovoltaic low voltage, Photovoltaic reverse connection
Cooling Concept	Intelligent Fan
Recommend Operating Temperature	Charging: 0°C-45°C Discharging: -10°C-45°C
Storage Temperature	-20°C-60°C
Humidity	10%-90%
Net Weight	75±2kg
Dimensions	L500*W230*H757mm
Certification	CE, UN38.3, IEC62619

*The above is for reference only, the specification sheet shall prevail.

Contact:

Tel:

<https://www.hero-ee.com>



Business Cooperation



website