



HeroEE 16

16000Wh | 11000W

Hithium HeroEE Household Energy Storage System



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HeroEE 16

16kWh LiFePo4 Battery + 11kW Inverter



Application Scenarios



Model No.	HeroEE 16
Battery Chemistry	Lithium-iron phosphate (LiFePO4)
Battery Capacity [kWh]	16kWh
Battery Cell Lifespan	11000 cycles@(25℃ , 100%DOD , 0.5P , @70%SOH)
Product Lifespan	Cycle life: >8000 cycles@ 20-25℃@100A @90%DoD
Rated Voltage [Vdc]	51.2 [VDC]
Disharge Voltage Range [Vdc]	43.2- 56.8 [VDC]
Charge Voltage Range [Vdc]	43.2- 56.8 [VDC]
Recommend Charge / Discharge Current [A]	100 A
Maximum charge/discharge current[A]	200 A
DoD [%]	90%
Charge Mode	CC -CV
Charge / Discharge Port	M8 Bolt
Build-in Communication Ports	CAN/RS485/RS232 Wifi/Bluetooth(optional)
Build-in Screen	Yes, LCD Touchscreen
Scalable (Max units in parallel)	Up to 16 batteries, 256 kWh
Compatible Inverter Brand	Victron Energy/Deye/Voltronic/SMA/GoodWe/ Growatt /TBB/MUST/
IP Rating	IP30
Recommend Operating Temperature[℃]	Charging:0℃~40℃ Discharging: -20℃~40℃
Recommend Storage Temperature [℃]	Storage: -20~60℃
Protection	Over-temperature Protection, Under-voltage Protection, Over-charge Protection, Over-current Protection, Short-circuit Protection, Under-voltage Protection,Reverse connection Protection, Fault Protection
Humidity [%]	10%-90%RH
Operating Altitude	≤3000m
Cooling	Natural cooling
Dimension [mm]	L540.6*W240*H781.2mm(without Wooden box)/ L600*W320*H1120mm(with Wooden box)
Weight [kg]	Approx. 110kg (Net Weight) /135kg(Gross Weight with Wooden box)
Wheels	Four
Certification	CE, CB, UN38.3, MSDS certifications. And supports permits for maritime and road transportation. *The above are for reference only, the specifications sheets shall prevail



Shenzhen Hithium Hero Energy Equity Technology Co., Ltd

"Hithium Hero Energy Equity Storage will continue to uphold the mission of 'bringing green energy to the benefit of all mankind,' continuously improving the layout of home energy storage solutions, and is committed to providing global customers with more professional and high-quality comprehensive energy equity solutions, making a greater contribution to promoting global energy transformation and sustainable development."

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