

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