

HiTHIUM HEROEE 8

25.6V 8kWh LiFePO₄ Battery

Compatible with multiple inverters
Deye / Voltronic
Growatt / Felicity..

5 YEARS WARRANTY

ZERO MAINTENANCE

PC INTERFACE

11000 CYCLES
LiFePO₄ BATTERY CELL

SMART BMS

IEC CERTIFIED



Model No.	Hithium HeroEE 8
Battery Chemistry	Lithium-iron phosphate (LiFePO ₄)
Battery Capacity [kWh]	8kWh (with built-in Hithium 314 Ah battery cell -8S1P)
Battery Cell Lifespan	11000 cycles@(25°C , 100%DOD , 0.5P , @70%SOH)
Product Lifespan	Cycle life: >8000 cycles@ 20-25°C@100A @90%DoD
Rated Voltage [Vdc]	25.6 [VDC]
Discharge Voltage Range [Vdc]	21.6- 28.4 [VDC]
Charge Voltage Range [Vdc]	21.6- 28.4 [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, 128 kWh
Compatible Inverter Brand	Hithium/Victron Energy/Deye/Voltronic /SMA/GoodWe/ Growatt/TBB /MUST/
IP Rating	IP30
Recommend Operating Temperature[°C]	Charging: 0°C~40°C Discharging: -20°C~40°C
Recommend Storage Temperature [°C]	Storage: -20~60°C
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*H501.2mm(without Wooden box)/ L600*W310*H1510mm(with Wooden box)
Weight [kg]	Approx. 54kg (Net Weight) /65kg(Gross Weight with Wooden box)
Wheels	Four
Certification	UN38.3/MSDS/IEC62619

** This specification is subject to change without prior notice. Hithium retains the right to implement any modifications.

HiTHIUM HEROEE 16

51.2V 16 kWh LiFePO₄ Battery

Compatible with multiple inverters
Deye / Voltronic
Growatt / Felicity..

5 YEARS WARRANTY

ZERO MAINTENANCE

PC INTERFACE

11000 CYCLES
LiFePO₄ BATTERY CELL

SMART BMS

IEC CERTIFIED



Model No.	Hithium HeroEE 16
Battery Chemistry	Lithium-iron phosphate (LiFePO ₄)
Battery Capacity [kWh]	16kWh
Battery Cell Lifespan	11000 cycles@(25°C , 100%DOD , 0.5P , @70%SOH)
Product Lifespan	Cycle life: >8000 cycles@ 20-25°C@100A @90%DoD
Rated Voltage [Vdc]	51.2 [VDC]
Discharge 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	Hithium/Victron Energy/Deye/Voltronic/SMA/GoodWe/ Growatt /TBB/MUST/
IP Rating	IP30
Recommend Operating Temperature[°C]	Charging:0°C~40°C Discharging: -20°C~40°C
Recommend Storage Temperature [°C]	Storage: -20~60°C
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	UN38.3/MSDS/IEC62619

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