

HIGH VOLTAGE STORAGE SYSTEM

ZC-HV10250



- High-voltage inverter to meet more electricity demand
- Large-capacity battery, smaller size but longer life
- High-density LiFePO4 battery, 5000 cycles life
- High energy conversion rate
- Reliable quality and low maintenance rate
- Precise battery management technology
- Modular design for easy maintenance
- Quick and easy installation



Stable Power Supply



Precise Management



High Utilization



Long Life Cycle

Model

ZC-HV10250

Basic information

Number of batteries	2	3	4	5
Nominal Battery Energy	10.24kWh	15.36kWh	20.48kWh	25.6kWh
Nominal Capacity	50Ah	50Ah	50Ah	50Ah
Nominal Voltage (Single Battery)	102.4V	102.4V	102.4V	102.4V
Nominal Voltage	204.8V	307.2V	409.6V	512V
Max Continuous Discharge Power	10.24kW	15.36kW	20.48kW	25.6kW
Max Continuous Charge Power	5.12kW	7.68kW	10.24kW	12.8kW
Dimension[W*D*H](mm)	765*420*646	765*420*826	765*420*1006	765*420*1186
Gross/Net Weight	148.8/145.8kg	204.8/201.8kg	260.8/257.8kg	316.8/313.8kg
High-voltage Box Net Weight	15.8kg	15.8kg	15.8kg	15.8kg
Battery Net Weight	112kg	168kg	224kg	280kg
Base Net Weight	18kg	18kg	18kg	18kg

Other parameters

Charging Temp. Range	0~50°C
Discharging Temp. Range	-10~55°C
Communication Protocol	CAN
Cycle Life	5000 Cycles (@80% DOD)
Protection Level	IP65
Color	White
Alarms	Overcharge/Overdischarge/Overcurrent/Overtemperature/Short Circuit
Advantages	Can be used in both grid and off-grid setups,compact design,modular expansion
Certification	UN38.3,Class9 / CE