

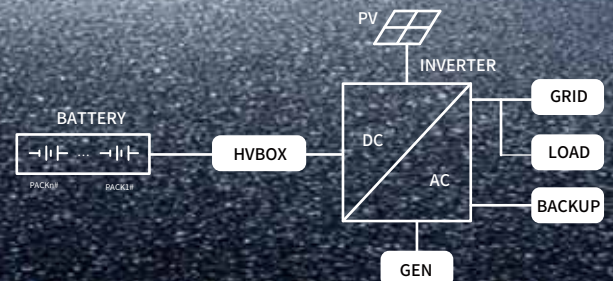
HIZENERGY

PV-Storage Integrated System

- EH125kW-261kWh-LE
- EH125kW-522kWh-LE



- Multi-duration battery for versatile use
- Liquid-cooled PACK, longer life, lower O&M
- Multi-layer safety protection
- 6-unit parallel, <10ms seamless switch
- PV-storage, supports 200% PV oversizing
- Strong overload, stable motor/pump start
- Low center of gravity, safer transport



PV-Storage Integrated System

Product Model	EH125kW-261kWh-LE	EH125kW-522kWh-LE
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AC Side(PCS)

Nominal Power	125 kW
Maximum Output Apparent Power	125 kVA
Nominal Voltage	3L/N/PE, 220/380 V; 3L/N/PE, 230/400 V
Nominal Grid Frequency	50/60 Hz
Nominal Output Current	189.9 A
Peak Output Apparent Power	175 kVA @10s
On-Grid/Off-grid Switching Time	<10 ms
Power Factor	0.8 leading...0.8 lagging
THDi / THDv Range	<3%

PV Side

Maximum PV String Power	250 kWp
Maximum Input Voltage	1,000 V
MPPT Operating Voltage Range	150-950 V
MPPT Maximum Input Current	10×42 A
Number of MPPT / Maximum Input String Paths	10/20

DC Side (Battery Side)

Cell Specification	LFP 3.2 V/314 Ah	
System Battery Configuration	1P260S	1P260S*2
Nominal Voltage	832 V	
Nominal Capacity	261.248kWh	522.496kWh
Nominal Voltage Range	728 - 936 V	

System Parameter

Maximum Cycle Efficiency	89 %	
Life Cycle	≥ 8,000 cycles	
Dimensions (W * H * D)	1,300*2,150*1,320 mm (Excl. Inverter)	
Weight	2,478 kg (Cabinet) +170 kg (Inverter)	2,478 kg * 2(Cabinet) +170 kg (Inverter)
Working Temperature Range	-30 °C - 50 °C	
Depth of Discharge	95 %	
Altitude	2,000 m (Derated operation above 2,000m)	
Fire Protection System	Temperature & smoke detectors, aerosol (Pack & System), water fire protection interface	
Ingress Protection	IP 55	
Corrosion Resistance Class	C 4 (Standard), C 5 (Optional)	
Noise	≤70 dB	
Standards	IEC62619, IEC61000-6-2/4, IEC62477-1, UN38.3,G99, VDE-AR-N 4105/VDE V 0124, EN 50549-1&2/EN 50549-10, VDE 0126/UTE C 15/VFR:2019, NTS 631/RD 1699/RD 244/UNE 206006/UNE 206007-1, CEI 0-21, C10/11, NRS 097-2-1, TOR, EIFS 2018.2, IEC 62116, IEC 61727, IEC 60068, IEC 61683, EN 50530, MEA, PEA,PORTARIA N° 140, DE 21 DE MARÇO DE 2022	
Communication Interfaces	CAN, RS485, LAN, Optional: WI-FI, 4G	