



ENERGY CUBE

OUTDOOR SOLUTION



125kW

Power

261kWh

Storage Capacity

FEATURES

- + EMS, PCS
- + <20ms transfer time
- + 10 year warranty on batteries (Ts & Cs apply)
- + Active cell & module balancing
- + Forkliftable, easy rigging eye bolts
- + Service level agreement (optional)
- + Integrated industrial air conditioning system
- + Fire suppression, gas & smoke detectors & alarm

System

- + On-site assistance & commissioning
- + Remote control, monitoring & reporting
- + Superior cycle life of 10 000 cycles

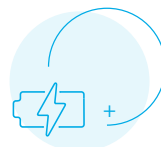
- + System certified: **UN3536**
UN38.3
NRS097
IP54



SUPERIOR CYCLE LIFE
10 000 CYCLES



REMOTE MONITORING +
TECHNICAL SUPPORT



CELL LEAKAGE
PROTECTION + ACTIVE
CELL BALANCING



INTELLIGENT
FIRE SUPPRESSION
SYSTEM

TECHNICAL DATA

BATTERY PARAMETERS	SPECIFICATIONS
Cells Type	LiFePO4 Lithium Iron Phosphate
Cell specification	3.2V314Ah
Configuration of Battery	260S1P
Battery Capacity	261kWh
Max. Power	130KW
Max. Current	157A
Battery Rated Voltage	832V
Battery Voltage Range	728V-936V
AC ON-GRID PARAMETERS	
Max. Power(kVA)	137KVA
Active Power(kW)	125KW
Rated Voltage(V)	400V
Rated Current(A)	180A
Voltage Range	320V-460V
Rated Frequency	50/60Hz
Range of Frequency	45-55/55-65Hz
THDI	<3%
Power factor	1.0(Adjustable from 0.8 leading to 0.8 lagging)
AC System	3 phase 4 wires
Overload capability	110%
SYSTEM OPERATION STRATEGY	
Functional	Anti Backflow and Black Start
Operation Mode Selections	Power peak shaving and valley filling, electricity price peak valley arbitrage
SPECIFICATION	
Cabinet Size (W * D * H)	1725*1649*2037mm(1725*1411*2127mm)(lifting ring)
Weight	≤2.8T
Max. cycle efficiency	>90%
Protection	IP55
Auxiliary Power Supply	Self-powered, Externally powered
Corrosion resistance rating	C3/C5
Operating Humidity Range	0%-100%(Non-condensing)
Operating Temperature Range	-30°C-50°C(>45°Cderating)
Max. Operation Altitude	2000m
Battery cabinet cooling method	Intelligent Air Cooling
Fire safety configuration	Smoke detector, Heat detector, Gas-based fire extinguishing system, Pressure relief valve, Pack-level fire protection, Cluster-level fire protection, Water-based fire protection, Automatic pressure relief
Communication	Ethernet,485,CAN
Communication Protocol	Modbus TCP