



eBox denotes a lithium energy storage system to realize the balance and optimization of energy supply and demand among the power grid, batteries, and loads by using local and remote EMS management systems, facilitating the access to new energy equipment such as photovoltaics, and bring application value in peak and valley electricity consumption, grid capacity expansion, and electricity safety, and serves as a core node to achieve smart micro-grid access.



eBox - 261 All-in-one Energy Storage System



High-performance

Energy efficiency up to 90%,
high charging & discharging
rate with superior cycle life.



Convenience

Standard and scalable,
easy for transportation,
installation and
maintenance.



Turnkey

Highly integrated with LFP,
BMS, PCS, CCU, HVAC,
FES all in one cabinet.



Specifications

Performance		
Cell capacity / Material	314 Ah / LFP Semi-solid state	
Operation voltage	728V to 936V dc	
Nominal voltage	832Vdc	
System nominal capacity	261 kWh	
System usable capacity	248 kWh (95% DOD)	
Charge discharge rate	≤ 0.5 P	
Cycle-life	7000 Cycles (25±2℃, Humidity≤2000m, 95%DOD, 0.5Pcharge/0.5Pdischarge until system start protect and then stand 30min, ≤ 2charge / 2discharge/D)	
Maximum efficiency	90%	
Batterycabinet fire protection system	Cluster cabinet level	Aerosols, Water; Active and passive triggering
Electrical cabinet fire protection system	fire extinguishing agent	Aerosol, Single Point Injection
Interior PCS		
Rated output power	130 kVA	
Rated grid voltage	400 V AC, L1+L2+L3+N+PE	
Max. AC current	188 A	
Frequency	50/60Hz	
THDi	< 3% (@ rated power)	
Maximum efficiency	98.5%	
Protection		
Protection function	Overvoltage, undervoltage, over frequency, underfrequency, overcurrent, overpower, overtemperature, short circuit, anti-reverse wiring protection	
Detection function	Insulation impedance detection, Buzzing alarm, Combustible gas (smoke) monitoring, Water immersion monitoring (floating ball type), Access control monitoring(travel switch)	
Environmental		
Operating temperature range	-25℃~ +55℃ (> 45℃ Derating)	
Operation Humidity	5%~95%	
Operating altitude	≤2000 m (> 2000m Derating)	
Communication		
Display	7’ LED touch screen	
Communication protocol	Modbus TCP	
Mechanical		
Ingress protection	IP55	
Dimensions (W x H x D)	997 x2,325 x 1,396 mm	
Weight	≈ 2750kg	
Thermal management	Industrial Liquid-cooling system	
Installation type	Ground mounting	
Standards and Compliance		
Standards	System: IEC 62619:2022、IEC 63056:2020、IEC 61000-6-2:2019、IEC 61000-6-4:2019 IEC 62477-1 IEC 60730、IEC 60730-1:2022、EU2023/1542 UL 9540A: 2019 、UN38.3、MSDS	
	PCS： IEC 62477、EN 50549-1、EN50549-2、EN 50549-10	

* Product specifications and dimensions may be updated based on the latest information provided and are subject to change without prior notice.

Note: Pictures are for reference only, please prevail in kind.