

Commercial and Industrial Energy Storage All-in-one 522kWh

Performance Characteristics

- Highly integrated, modular design for easy maintenance
- On-demand deployment and support for parallel use of multiple cabinets
- Supports off-grid and seamless VF/PQ switching
- Multiple electrical protection, active warning, active protection
- Support IoT, Cloud Platform
- AC/DC Integrated Dual-Power Supply System



Technical Parameters

Product Model	L522
Rated Energy	522.496kWh
Charge/Discharge Rate	0.25CP/0.5CP
Rated AC Power	125kW/250kW
Cell	LFP-3.2V-314Ah-1004.8Wh
PACK	LFP-166.4V-52.2kWh
Rated DC Voltage	832Vdc
Operating Voltage Range	715~923Vdc
Maximum DC Current	175A/350A
System Lifespan	8000 cycle @25°C, 0.5CP, 95%DOD, ≥70%EOL
Cyclic Efficiency	AC Side≥88%
BMS Topology	Bidirectional active equilibrium
Communication Interface	RS485/CAN/Ethernet/MQTT
HVAC	Intelligent liquid cooling
Fire Suppression System	Fire detector+gas/smoke/temperature detection+perfluorohexane
Grid Voltage	400Vac (Three-phase four-wire)
Rated AC Current	180A/360A
Rated Grid Frequency	50/60Hz
Isolation Method	Non-Isolated
Cable Entry	Bottom outgoing line
Altitude	3500m (>2000m Derating)
Operating Temperature	-20°C ~ 50°C
Protection Rating	IP55
Max Configuration Weight	5T
Dimensions W*D*H	1710*1200*2000mm
Product Certification	GB/T36276、GB44240、GB/T34131、UL9540、IEC62619、IEC62477、IEC61000、UN38.3

Commercial And Industrial Energy Storage All-in-one 261kWh

Performance Characteristics

- Highly integrated, modular design for easy maintenance
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- Multiple electrical protection, active warning, active protection
- Support IoT, Cloud Platform
- AC/DC Integrated Dual-Power Supply System



Technical Parameters

Product Model	L261
Rated Energy	261.25kWh
Charge/Discharge Rate	0.5CP
Rated AC Power	125kW
Cell	LFP-3.2V-314Ah-1004.8Wh
PACK	LFP-166.4V-52.2kWh
Rated DC Voltage	832Vdc
Operating Voltage Range	715~923Vdc
Maximum DC Current	200A
System Lifespan	8000 cycle @25°C, 0.5CP, 95%DOD, ≥70%EOL
Cyclic Efficiency	AC Side≥88%
BMS Topology	Bidirectional active equilibrium
Communication Interface	RS485/CAN/Ethernet/MQTT
HVAC	Intelligent liquid cooling
Fire Suppression System	Fire detector+gas/smoke/temperature detection+perfluorohexane
Grid Voltage	400Vac (Three-phase four-wire)
Rated AC Current	180A
Rated Grid Frequency	50/60Hz
Isolation Method	Non-Isolated
Cable Entry	Bottom outgoing line
Altitude	≤3500m (>2000m Derating)
Operating Temperature	-20°C ~ 50°C
Protection Rating	IP55
Max Configuration Weight	2.2T
Dimensions W*D*H	865x1200x2200mm
Product Certification	GB/T36276、GB44240、GB/T34131、UL9540、IEC62619、IEC62477、IEC61000、UN38.3