

SOLUNA

POWER DESIGNED FOR NIGHT AND DAY

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POWER CELL 150K
COMMERCIAL & INDUSTRIAL

Highly Integrated

The battery cabinet contains battery packs, air conditioning, fire protection and other equipment.

Quick Installation

Plug and play, all parts preassembly for delivery.

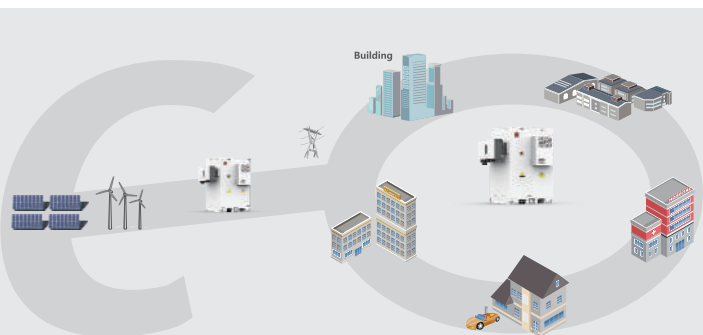
Multiple Protection

- Built-in smoking sensor, temperature sensor, temperature control, and fire protection system to monitor the real time of internal battery status.
- And the effective pressure relief cabinet design stop risks inside.

Maintenance Ease

- Localized simplified operation and maintenance, and remote trouble shooting and upgrades.
- Cluster-level management, each cluster voltage is independently controlled.
- APP real-time monitoring, and interface open to EMS

APPLICATIONS



TECHNICAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Dimension(WxDxH,mm)	1200x1050x2050/Cabinet (Battery Only)
Weight (kg)	1800 /Cabinet (Battery Only)
Protection Level	IP 55

ELECTRICAL CHARACTERISTICS

	1	2	3	4	5
Battery Cabinets					
Battery Type	LiFePO ₄				
Rated Energy Capacity (kWh)	150	300	450	600	750
Usable Energy Capacity (kWh)	135	270	405	540	675
Rated Battery Capacity (Ah)	200	400	600	800	1000
Rated Charging/Discharge Current(A)	100/100	200/200	300/300	400/400	500/500
Max Charging/Discharge Current (A)	100/200	200/400	300/600	400/800	500/1000
Nominal Voltage (V)	769				
Usable Voltage Range (V)	672-840				
Depth of Discharge (%)	80				
Round-Trip Efficiency (%)	≥93				
Cycle Life	6000				
DC Disconnect	Contactor /Fuse				
BMS Communication	CAN				

OPERATING CONDITIONS

Installation	Indoor /outdoor
Operating Temperature	-20~50°C
Operating Temperature (Recommended)	15~30°C
Storage Temperature	-20~60°C
Storage Temperature (Recommended)	15~30°C
Humidity	5%~95%
Altitude	Max. 2,000 m
Cooling Method	Internal Air Conditioning

RELIABILITY AND CERTIFICATION

Compliance Standard	IEC62619, CE, UN38.3
Warranty	Battery module 10 years, other parts 3 years