

SOLUNA

POWER DESIGNED FOR NIGHT AND DAY

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POWER CELL 1214 (PC100)

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.

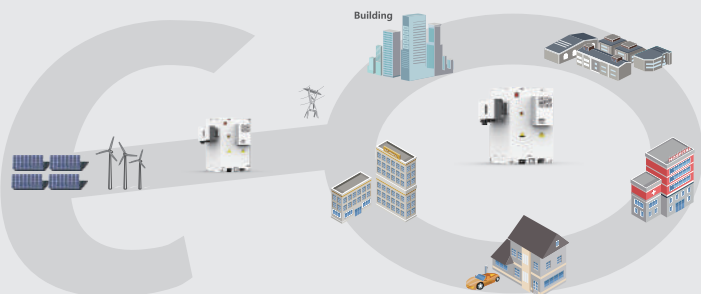
Multiple Protection

- 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 Easy

- 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)	1350 /Cabinet (Battery Only)
Protection Level	IP 55

ELECTRICAL CHARACTERISTICS

Battery Type	LiFePO4
Total Energy Capacity(kWh)	107.520
Usable Energy Capacity (kWh)	96.768
Battery Capacity (Nominal)	200Ah
Voltage Range(Usable)	470.4-588V
Nominal Voltage	537.6V
Charge/Discharge Current (Max)	100A / 200A
Depth of Discharge (%)	80
Round-Trip Efficiency (%)	≥95
Cycle Life	6000
DC Disconnect	Contacteur 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	5 Years