SOLUNA
POWER DESIGNED FOR NIGHT AND DAY

POWER CELL PC60
COMMERCIAL & INDUSTRIAL

Highly Integrated

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

Quick Installation

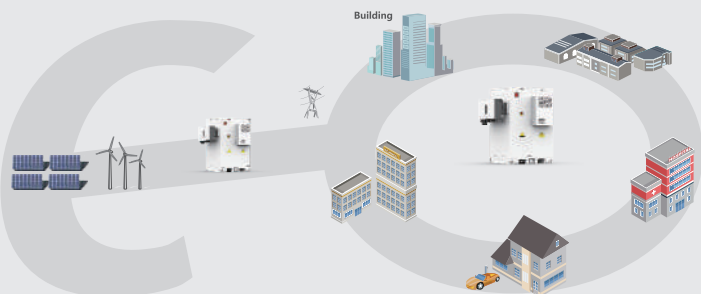Plug and play, all parts preassembly for delivery.

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 reliefcabinet 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)	700x1000x2010/Cabinet (Battery Only)
Weight (kg)	880 /Cabinet (Battery Only)
Protection Level	IP 55

ELECTRICAL CHARACTERISTICS

Battery Type	LiFePO$_4$
Total energy capacity	61.44kWh
Usable energy capacity	49.15kWh
Battery capacity (Nominal)	100Ah
Voltage range(Usable)	537.6~672V
Nominal voltage	614.4V
Charge voltage (CV)	656.6V
Discharge cut-off voltage	604.8V
Charge/discharge current (Nominal)	50A/50A
Charge/discharge current (Max)	100A/100A
Depth of Discharge	80%
DC Disconnect	Contactor Fuse
BMS Communication	CAN

OPERATING CONDITIONS

Installation	Indoor /outdoor
Operating Temperature	-10~50℃
Operating Temperature (Recommended)	15~30℃
Storage Temperature	-20~60℃
Storage Temperature (Recommended)	15~30℃
Humidity	5%~95%
Altitude	Max. 2,000 m
Cooling Method	Fans and air conditioning

RELIABILITY AND CERTIFICATION

Compliance Standard	IEC62619/IEC62477, UN38.3/RoHS
Warranty	Battery module 10 years, other parts 3 years