

www.lishenpower.com

ORIGO Batteries

LISHEN

Weifang Lishen Power Battery System Co., Ltd.
No. 286, 2nd Street, Free Trade Zone,
Weifang City, Shandong Province
www.lishenpower.com
E-mail: info@lishenpower.com



Lithium Ion Battery
Power Solution

for Commercial & Industrial Storage

ENERGY BATTERY

Commercial & Industrial CESS⁺

The CESS + series product is an energy storage product specially developed for industrial and commercial customers. It uses lithium iron phosphate long-life batteries, and the battery energy is as high as 232kWh.

It is safe and intelligent. It can be used in conjunction with solar power generation, and can also take advantage of the peak-valley price difference of the power grid. Energy storage to manage your energy efficiently. It consists of 4 battery module units, 1 set of high-performance inverter and 1 set of liquid cooling system. Can effectively meet customer demand for energy.

Reliable

- Use long-life batteries
- Proven high reliability inverter
- limited warranty
- Separate battery base unit
- Liquid cooling for smooth operation

Safe

- Battery safety testing
- Lithium Iron Phosphate (LFP) chemistry for maximum safety and longevity
- Multi-level alarm and protection
- fire suppression system

Clever

- Meshing capability for backup operations
- Remote software and firmware upgrades
- Mobile app-based monitoring

Convenient

• Uninterrupted use of energy. Store excess solar energy for nighttime use, and use the power grid peak and valley price difference for energy storage. Helps achieve energy freedom.

Data Sheet

CESS 46S



MODEL NUMBER	CESS+ 46S
Total Energy	46.1kWh
Nominal Power	23.0kW
Cell Capacity	100Ah
Nominal voltage	460.8V
Cell Series & Parallel	144S1P
Usable Capacity	41.5kWh
Dimensions of One Cabinet (L*W*H)	580*680*2200mm
Max.Weight	520kg
Battery Modules	9
AC Power Parameters	200vAC,50Hz
AC Rated Current	115A
DC Voltage Range	403~518.4V
Cooling	Wind Cooling
Altitude	Up to 2500 meters (8200 feet)
Ambient Operating Temperature Range	-15°C to 45°C (5°F to 113°F)

We reserve the right to make technical changes. The values, outputs, other technical data, images, and diagrams in this prospectus and in data sheets, advertisements, and other promotional documents are approximate guidelines in all cases where they have not been identified as binding.