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ORIGO Batteries

LISHEN

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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 215i



Item	Parameter
Total Energy	215.1kWh
Nominal Power	107.5kW
Cell Capacity	280Ah
Nominal Voltage	768v
Cell Series & Parallel	240S1P
Usable Capacity	193.5kWh
Dimensions of One Cabinet (L*W*H)	1400*1200*2200mm
Max.Weight	2300kg
Pack Modules	10
AC Power Parameters	380Vac, 50Hz
Rated Current	144A
DC Voltage Range	672~864V
Cooling	Forced air cooling
Altitude	-Up to 3000 meters
Ambient Operating Temperature Range	-15°C to 45°C (5°F to 113°F)

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