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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 104kWh.

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 Smart 100



MODEL NUMBER	CESS+ Smart 100
Nominal Energy	103.68kWh
Nominal Power	50.0kW
Nominal Capacity	150Ah
Nominal voltage	691.2V
Cell Series & Parallel	216S1P
Usable Capacity	93.3kWh
Dimensions of One Cabinet (L*W*H)	1100*1100*2250mm
Weight	1450kg
Battery Modules	9
AC Power Parameters	200vAC,50Hz/60Hz
AC Rated Current	75A
DC Voltage Range	604.8~777.6V
Cooling	Intelligent air conditioning
Altitude	Up to 3000 meters (9800 feet)
Ambient Operating Temperature Range	-20°C to 50°C (-4°F to 122°F)

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