

# LESSO

## BESS MODULAR CABINET

LSIS 100kW215kWh-N01  
(100kW/215.04kWh)

### Liquid Cooling

- Support up to 8 units in parallel.
- Modular design, simple structure, reliable and stable.
- Switching to smart grid design, controllable energy scheduling, and active and reactive power regulation.



### Product Features

#### Highly Integrated

- All-in-one design, reduces transportation and installation costs.
- Modular design for easy expansion, supporting multi-unit parallel connection.

#### Smart Liquid Cooling

- Uneven flow channel design ensures temperature difference  $\leq 2^{\circ}\text{C}$ .
- Multiple liquid cooling control modes to reduce system power consumption.

#### Safe and Reliable

- Intelligent monitoring and linkage to ensure system safety.
- Fire detectors paired with gas fire suppression systems.

#### Smart and Convenient

- Multiple operating modes available, supporting remote upgrades.
- Cloud-based monitoring and operating platform, allowing access to multiple devices.

Product Type	LSIS 100kW215kWh-N01
<b>Batteries</b>	
Battery Type	LFP - 3.2V/280Ah
Max. Charge and Discharge Power	≤0.5P
Rated System Voltage	215kWh
Nominal Battery Voltage	768V
Battery Voltage Range	672V - 864V
Cooling Method	Liquid Cooling
<b>AC Side (Grid)</b>	
AC Output Power	100kW
Nominal AC Voltage/Range	AC230V/400V (-15% ~ 15%)Vac
Nominal Frequency/Range	50/60Hz
Harmonic (THD)	<3% (at Nominal Power)
Cooling Method	Air Cooling
<b>Normal Parameters</b>	
Allowed Ambient Temperature	-20°C ~ 50°C
Operating Humidity Range	≤95%RH (Non-condensing)
Standard Altitude	≤1000m
Degree of Protection	IP55
Fire Protection System	Aerosol
Enclosure Corrosion Resistance Level	C3
Dimension (W*D*H)	1050 × 1600 × 2050mm
Communication	RS485/TCP

Remarks: Specifications are subject to change without notice.

### Schematic Diagram

