



Engineered for High-Demand Businesses:

MEET THE ALL-IN-ONE BESS

Liquid Cooling C&I ESS
125kW / 261.24kWh



Liquid Cooling Commercial and Industrial ESS 125kW/261.24kWh

About the product 125kW

This next-generation C&I battery energy storage system sets a new benchmark with its fully liquid-cooled design, delivering exceptional round-trip efficiency of up to 90.3%. The battery and PCS feature a fully liquid cooling design that ensures uncompromised, full-capacity performance, even in extreme ambient temperatures up to 50 °C.



Product Features & Advantages

High Performance

- Premium LFP battery with liquid cooling system
- High power density, compact design
- Scalable up to MWh capacity
- Optimised space utilisation

Assured Safety

- Fire safety design secures minimal risk and loss
- Aerosol Fire Suppression for Precise Protection
- IP67 for battery, IP66 for inverter, IP55 for cabinet
- Advanced fault detection and response

Intelligent Design

- Advanced energy management system
- Supports remote monitoring and maintenance
- Supports a variety of C&I energy storage scenarios

Flexible Adaptability

- Grid-connected and off-grid support
- Cell-level balancing and smart temperature control

Product Specifications



Rated AC Power
125kW



Rated Energy Capacity
261.24kWh



Battery Chemistry
LFP



Cell
3.2V/314 Ah



Configuration
1P260S



Nominal Voltage
832V



Voltage Range
728V – 936V



Cycle Life
≥ 8000 cycles @ 90%
DOD@25°C



Charge & Discharge Rate
0.5C/0.5C



Cooling Method
Liquid-cooled



Rated Frequency
50Hz



Certifications*
IEC 62619, IEC 62477, IEC
61000-6-2/4, UN 38.3
IEC-63056



Protection Features
OVP, UVP, OCP, OTP,
SCP



Communication
CAN, RS485, Ethernet



Enclosure
IP55-rated metal
enclosure



Operating Temperature
-20°C to +55°C

