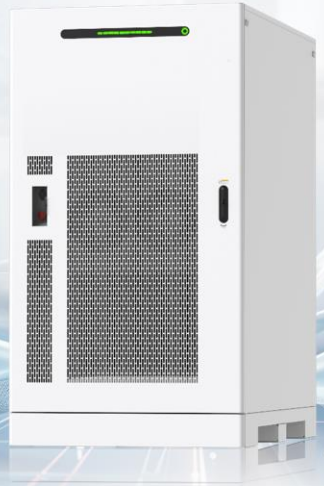


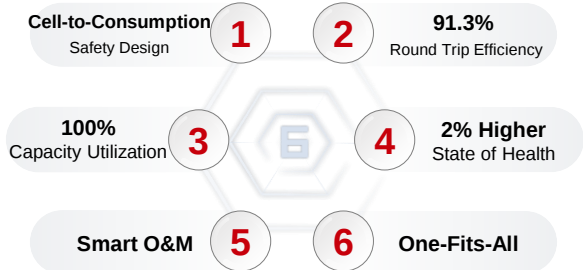


LUNA2000-215 Series

108kW/215kWh

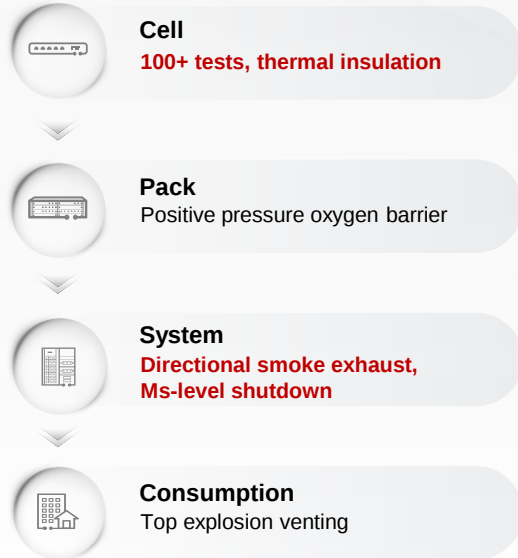


World's 1st C&I Smart Hybrid Cooling ESS



1 Born Safe Safe for Whole Life

Cell-to-Consumption safety architecture

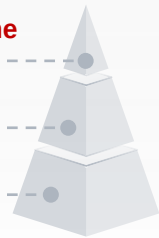


1st TUV Safety Prime Certification

Safety Prime

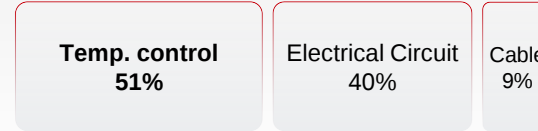
Safety Plus

Basic Safety



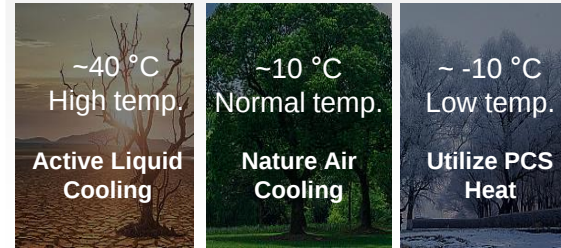
2 Unique Hybrid Cooling Highest RTE 91.3%

ESS efficiency related factors



Huawei

Multi-modes save temp. control energy consumption



Industry

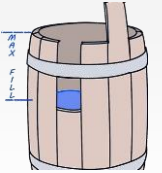
Single liquid cooling mode, high temp.
control energy consumption

RTE: Round Trip Efficiency

3 Unique Pack Optimizer 2% More Energy

Cask principle

Volume decided by
shortest wood plate



Huawei

Unique pack-level optimizer eliminates
cask effect



Industry

can't fully charge and discharge

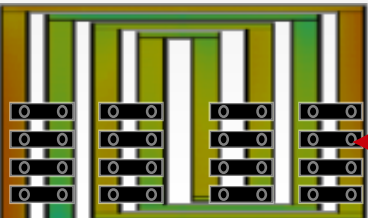


DOD: Depth of Discharge

4 Unique Heat Dissipation
2%+ Higher SOH

Huawei: dual-loop flow path

<2.2°C
Cell temp. difference



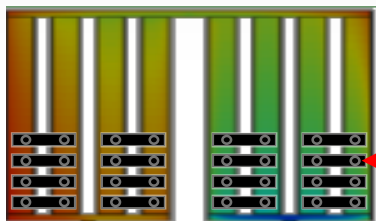
Battery
cell

Coolant outlet Coolant inlet

VS

Industry: U-shaped flow path

>3°C
Cell temp. difference



- Battery cell

 Coolant outlet
  Coolant inlet

SOH: State of Health

5 Smart O&M
10% Higher Profitability

Smart multi-mode mgmt.

 **10%**



Revenue

Automatic SOC calibration

↓ 2 times/year

Site visit

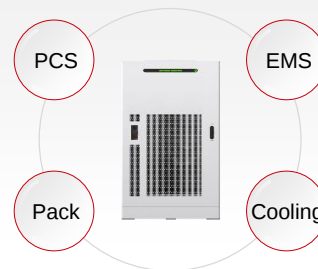
10 Years coolant lifespan

 **5 years**

Lifespan of coolant

6 One-Fits-All

Integration design, prefabricated installation



On/off-grid application

No need transformer

PCS: 3 phase 4 wire

High quality power supply

Huawei $\leq 1.5\%$ VS Industry $\leq 3\%$

*THDi

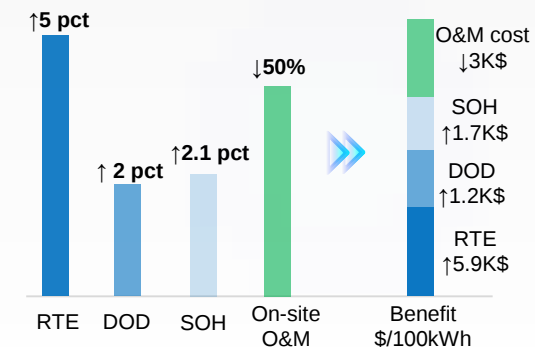
*THDi: total harmonic distortion (current), some industries require low THDi

VDE Test Results
RTE: 92.0% @0.25C

[illegible]

- **Project:** Business Campus in Frankfurt
- **Solution:** Huawei 3*215kWh ESS
- **Scenario:** Time of Use + Peak Shaving

Revenue increased by 8.8K \$/100kWh
OPEX decreased by 3K \$/100kWh



Installationn and Commissioning Video