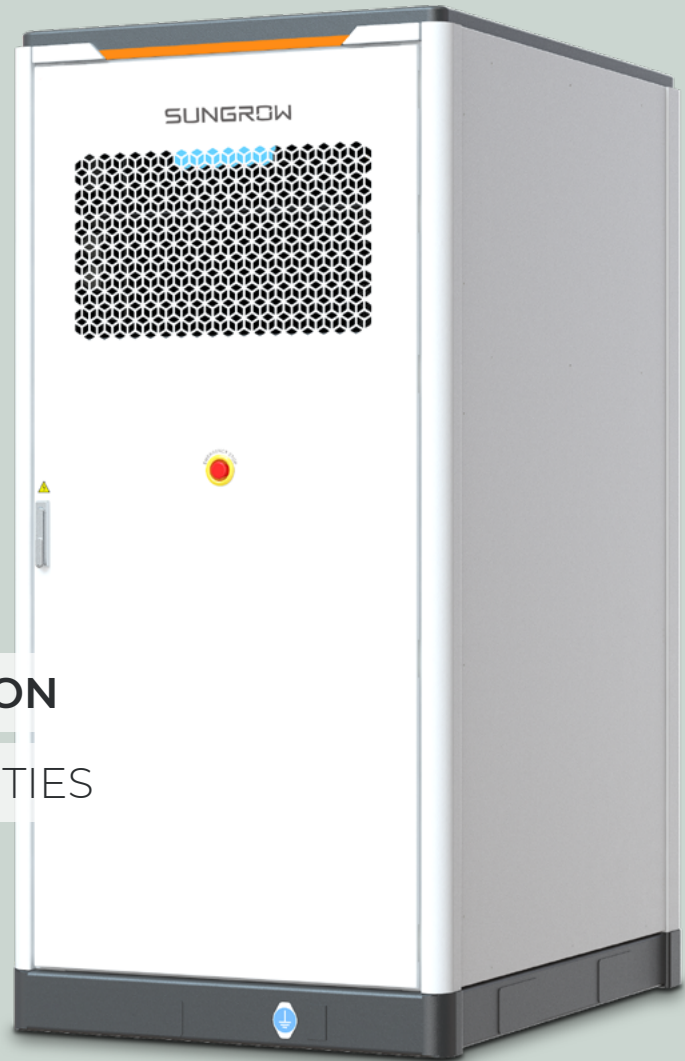


POWERSTACK 200CS

LIQUID-COOLED
C&I ENERGY
STORAGE SYSTEM



MAXIMISE ENERGY UTILISATION

CREATE UNLIMITED POSSIBILITIES



HIGHER EFFICIENCY

Built-in PCS, max. efficiency $\geq 99\%$. System RTE $\geq 90\%$, supply power more efficient.



LONGER SERVICE LIFE

Intelligent liquid-cooling temperature control, system life ≥ 10 years.



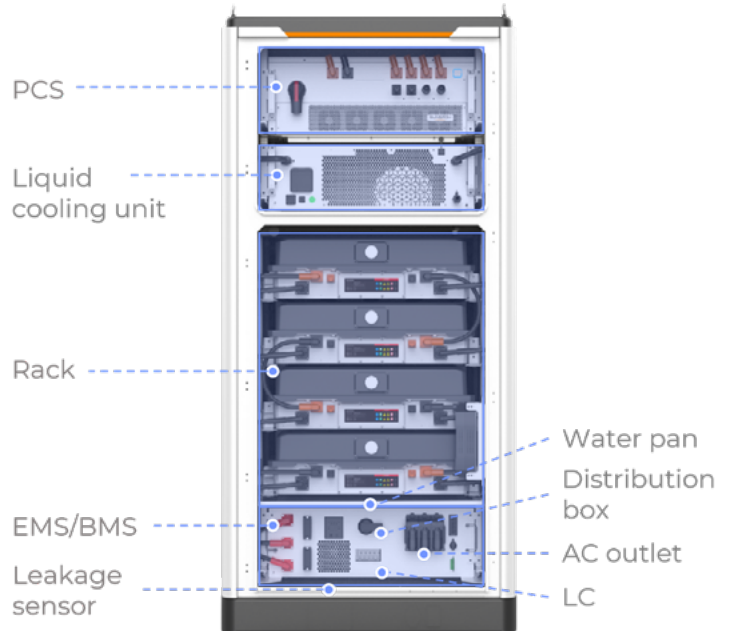
LOWER LOSS

AI controlled thermal balance reduces auxiliary power consumption by 33%*.

*due to AI controlled heat balance technology

PowerStack 200CS Series

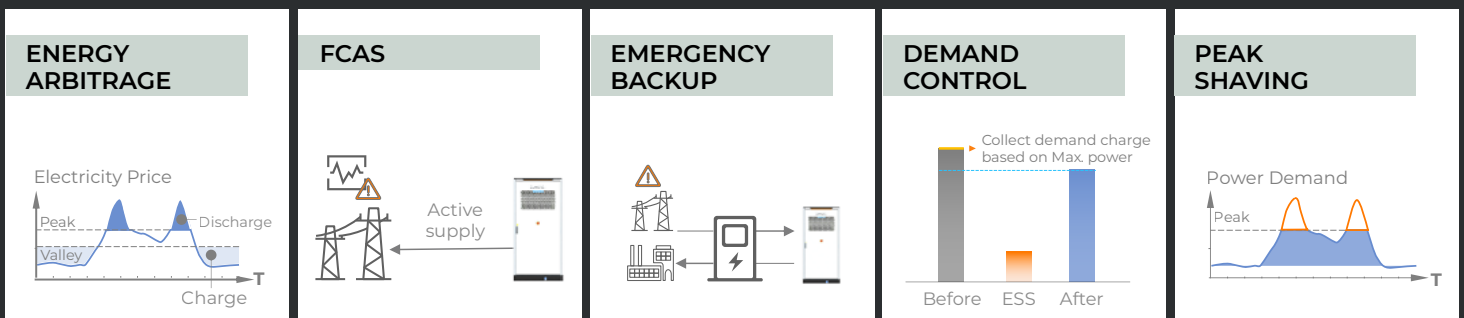
The next-generation Commercial & Industrial Energy Storage System (C&I ESS) is an AC coupled system. It features the *ST225kWh-110kW-2h* model, offering a capacity of 225 kWh with a power output of 110 kW and a 2-hour duration. Also available is *ST455kWh-110kW-4h* with a 4-hour duration for even longer recharging.



Key Features at a Glance

Multiple Business Models

The PowerStack system supports various applications, including:



ENHANCED EFFICIENCY

The liquid-cooled design ensures optimal thermal management, leading to improved system performance and longevity.



EFFORTLESS OPERATIONS

Designed for user-friendly operation, the system simplifies energy management for businesses.



PV – ESS – EV CHARGER SOLUTION

Available as a seamless energy ecosystem by Sungrow, integrating solar inverter, energy storage, and EV charging station for optimised efficiency and sustainability.



ENHANCED PROFITABILITY

By optimising energy usage and participating in various energy markets, businesses can achieve significant cost savings and revenue generation.

Flexible layouts

Supporting up to 25 units in parallel (on-grid) for the **2-hour system, providing a capacity of up to 5,6 MWh.**

The 4-hour system can be connected in parallel to up to 25 units with up to 11,3 MWh.



All in one

The system integrates the EMS, PCS and BMS.



Side by Side



Face to Face



Back to Back

Automatic On-grid / Off-grid System

10 Reasons to Choose PowerStack 200CS Series



HIGHER REVENUE

1. System RTE $\geq 90\%$
2. Intelligent Energy Dispatch
3. Liquid-cooling Balanced Heat Dissipation
4. AI Controlled Thermal Balance



SIMPLER O&M

5. Intelligent Integrated Energy Storage
6. Local and Distant Regulation
7. Overall Cloud Control
8. One-Stop Service



HIGHER SAFETY

9. Four-in-one Safety Test
10. Five Layers of Safety Protection

PowerStack is available as



ST225KWH-110KW-2H



ST455kWh-110kW-4h