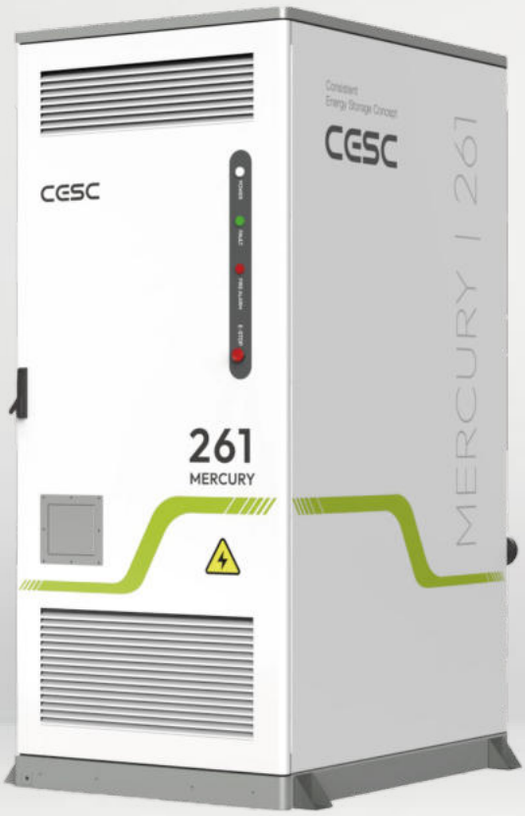
Consistent Energy Storage Concept
CESC



Mercury 261kWh

Liquid Cooled Energy Storage Integrated System

The Mercury 261 is a liquid-cooled, integrated energy storage system for small to medium C&I applications. Featuring multi-layered safety and smart BMS/EMS integration, it efficiently manages energy through VPP connectivity, demand-side management, and real-time grid dispatch, optimizing utilization for peak shaving, backup power, and renewable.

Ultimate Safety (3-Tier Protection)

Engineered with multi-level disconnection and a 3-tier intelligent fire protection system, fully compliant with GB, UL, and IEC standards.

Smart & Profitable Management

Equipped with 2A active cell equalization, the BMS utilizes battery acquisition IC from Texas Instruments (American brand) supports VPP connectivity, real-time dispatch, and flexible operating modes to maximize investment returns.

Cost-Optimized & Long-Life

Highly integrated design drastically cuts deployment costs. Utilizing Grade A+ LFP cells to deliver a system lifespan of up to 15 years.

Flexible & Fast Deployment

Modular, all-in-one system allows direct low-voltage connection and ensures rapid, easy installation for diverse applications.

Mercury 261kWh

DC Parameters	
Battery type	Lithium iron phosphate (LFP)
Rated Capacity	261 kWh
Cycle Life	8000 cycles @ (0.5P/0.5P, DOD100%, 70% EOL)
Configuration	1P260S
Rated Voltage	832V (25°C±2°C)
Voltage Range	728V～936V
Max Charging Power	0.5P
Max Discharging Power	0.5P
AC Parameters	
Rated Power	125kW
Max Power	137.5kVA
Rated Voltage	230V/400V
Voltage Deviation	-15%~+15%
Rated Frequency	50/60Hz
Current THD	< 2% (rated power)
Power Factor	1 (leading)～1 (lagging)
AC Output Type	Three-phase four-wire
System Parameters	
Operating Temperature	0°C~55°C (charging), -25°C~55°C (discharging)
Humidity Range	≤95%,RH
Operating Altitude	<2000 m
IP Rating	IP55
Cooling Method	Liquid-cooled
Fire Extinguishing Agent	Aerosol
Dimensions (W×D×H)	1150*1440*2380 (mm)
Weight	2700 ± 50kg
Communication	RS485/CAN/ Ethernet
Certificationl	UN38.3, IEC62619, IEC63056, IEC61000, IEC62477