Energy Cube Series 125kW/261kWh

Liquid-cooled PV/DG Energy Storage System

Solving the core electricity problem,Seize the opportunity of energy transition

Source-to-Scenario Integration

Integrates PV, grid, and diesel generators for multi-energy synergy, meeting diverse power needs across scenarios.

Integrated Energy Storage

Split-body design with quick-connect wiring. Key modules tool-free accessible. Scalable up to 10 units in parallel.

Extreme security protection

Uses brand-name LFP cells for ultra-long cycle life. Independent fireproof insulation with isolation design.

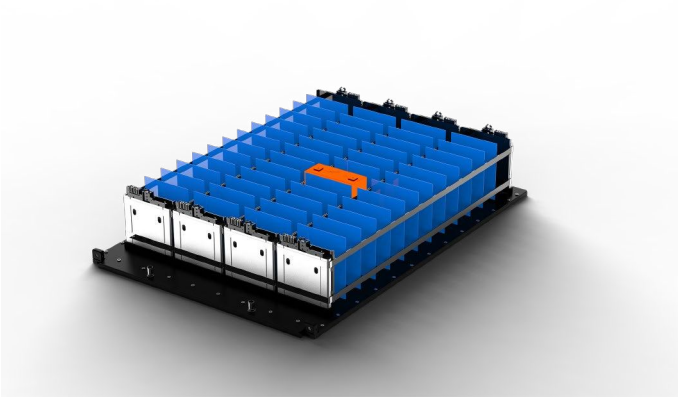
Proprietary Smart Platform

Equipped with BOS EMS for real-time leakage monitoring and cloud supervision, enabling early warning and instant status tracking.

Flexible Adaptation Easy Maintenance Etreme Safety

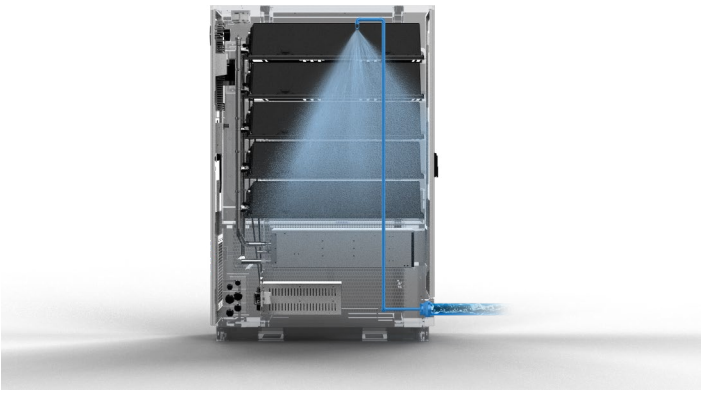
Battery module partition isolation design

Independent fireproof insulation physically blocks risks. 32 temperature sensors enable real-time monitoring and early warning.



A full set of multi-layer fire protection design

Comprehensive protection with smoke/heat sensors, hydrogen detectors, explosion-proof valves, water mist & aerosol suppression with directional spray.



Enhanced spatial adaptability

The compact cabinet, occupying only 2m^2, flexibly scales on demand to power everything from small farms to large industrial parks.

Seamless integration into the global ecosystem

Holds CE, IEC62619, and UN38.3 certifications for seamless access to all European markets.

Parameter Specification

261kWh Liquid-cooled PV/DG C&I ENERGY STORAGE SYSTEM		
Battery-side parameters	Cell type	LFP 314Ah
	System Configuration	1P260S
	Rated energy	261.248kWh
	Nominal voltage	832V
	Voltage range	728V~936V
	Rated DC current	157A
	The battery pack weighs	341kg
	operating ambient temperature	-25 to +55°C (frequency reduction above 45°C)
system parameter	Dimensions)	1400mm*1030mm*2200mm
	operating ambient temperature	-25°C~55°C
	relative humidity allowance	≤95% (no condensation)
	noise	75dB@1m
	cooling-down method	liqukd cooling
	levels of protection	IP54
	height	≤ 4000 (degration use above 2000)
	weight	⩽2.8t
	protocol	MODBUS TCP、IEC104、MQTT
	Certification standards	GB/T36276 IEC62619
grid side parameter	output rating	125 kW
	maximum apparent output power	125 kVA
	rated grid voltage	3/N/PE,220 V / 380 V 3/N/PE,230 V / 400 V
	rated grid frequency	50 Hz / 60 Hz
	rated output current	189.9 A / 180.4 A
	power factor	> 0.99 (0.8 ahead-0.8 behind)
Photovoltaic input	maximum available photovoltaic input power	250 kW
	maximum input voltage	1000 V
	PTPT voltage range	150 - 950 V
	maximum input current	4 × 42 A
	Number of PTPTs / Maximum input string count	10/20

Zhejiang BOOSTESS Digital Power Co., Ltd.
Phone:+86 1360 6543 596 Web:www.boostesspower.com
Address:9F, Building 21Xizi Wisdom Industrial ParkNo.1279
TongxieRoad Hangzhou.Zhejiang. China

Add Whatsapp