EnergyCube系列 125kW/261kWh

Air-Cooled PV/DG Energy Storage System

Solving Core Power Challenges, Seize the Opportunity of Energy Transition

261kWh

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 ?reproof 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.

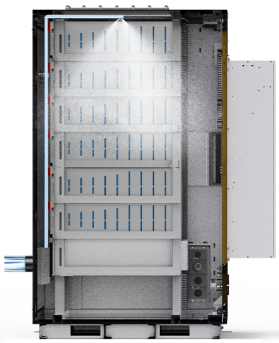
Flexible Adaptation Easy Maintenance Etreme Safety

Battery Cell Heat Dissipation Design

Coanda curved surface and single-cell air duct design to improve overall heat dissipation efficiency of battery cells.

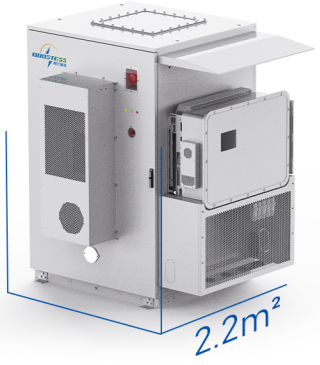
A full set of multi-layer fire protection design

Comprehensive protection with smoke/ heat sensors,mist & aerosol suppression with directional spray.



Enhanced spatial adaptability

The compact cabinet, occupying only 2m², 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 Specifiaition

261kWh Air-Cooled PV/DG C&I Energy Storage System		
Battery-sider Parameter	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	135±2kg
	Operating temperture	-25 ~ +55°C(Frequency reduction above45℃)
System Parameter	Dimensions	1400mm*1575mm（Including A/C is1630mm）*2200mm
	Operating temperture	-25℃~55℃
	Relative humidity	≤95%（No condensation）
	Noise	≤75dB
	Cooling methond	风冷
	Leves of protection	IP54
	Height	≤4000（>2000 dreating）
	Weight	≤2.9t
	Protocol	CAN2.0、ModBUS-TCP、MQTT
	Certification standards	IEC62619、IEC63056、IEC62477
Grid-side Parameter	Output Rating	125 kW
	Maxium apparent output power	125 kVA
	Rated grid voltage	3/N/PE,220V/380V,230V/400V
	Rated grid frequency	50 Hz / 60 Hz
	Rated output current	189.9 A / 180.4 A
	Power factor	> 0.99 (- 0.8 - + 0.8)
PV Input	Maxium avaliable PV input power	250 kW
	Maxium input voltage	1000 V
	MPPT voltage range	150 - 950 V
	Maxium input current	4 × 42 A
	Numbers of MPPT	10/20

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