C&LALL-IN-ONE
HYBRID ENERGY STORAGE SYSTEM
LIQUID-COOLED

It is suitable for various scenarios such as larae residential areas, supermarkets, farms, and small factories. it intearates functions including power, generation, conversion, storage, and utlization, With its hich-end hardware confauration and inteligent software, It supports various application modes such as self-consumption, time-of-use , and backup mode. It meets daily usage scenarios and can also connect with other devices such as diesel generators, helping owners achieve morestable,secure, and economical electricity needs.



Ultimate Safety

- AFCI as standard to prevent fire
- Support core health warning, CO, fire detection, cabinet-level fire protection
- AC and DC type II SPD

Highly Integrated

- Pre-installed in the factory, no need for on-site installation and debugging
- Accessing to DG(diesel generator), no need for additional equipment
- AC coupling available

Higher Revenue

- PV and Battery are dc coupled with high efficiency
- Wide environmental adaptability improves VPP revenue
- Intelligent scheduling, and multiple scheduling modes

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Add: Cross Border E-Commerce Supervision Zone, Yulei Road, Hefei, Anhui, China

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DATASHEET

Model number	BESS-I261
Battery Cell	LFP 3.2V 314Ah
Battery Pack	166.4V 314Ah
Battery Cluster Rated Voltage	832V(5-modules in Series)
Rated energy	261kWh
Voltage range	728~936V
Cycle Life	≥8000(25°C±2°C,0.5C/0.5C,90%DOD)
DC SIDE PARAMETERS	
Combination method	1P260S
Rated power	130.5kW
Rated charge and discharge rate	0.5P
Standard charge and discharge current	157/157A
Cabinet	
Size: W*D*H	970*1420*2320mm
Weight	≈3T
Level	IP54
Operating Temperature Range	-20~50 ℃
Relative Humidity	0~95%
Altitude	<2000m
Cooling Method	Liquid cooling
Coolant	Ethylene glycol: aqueous solution (50%v: 50%v)
Number of cycles	8000 times DOD90%
Fire Protection System	Aerosol
Detector Type	Warmth sensation, smoke sensation
Inverter	
Energy Storage Inverter 100~125KW, AC: Three Phase 380V. (Solis, Deye, Growatt)	

*The data in this table is for reference only, and is subject to actual delivery
*Inverter power is selectable; please contact our sales team for details.

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