



CONTAINER ENERGY STORAGE

It incorporates the battery system, PCS, BMS, EMS, intelligent temperature control, fire protection system, and auxiliary devices such as lighting and monitoring into a single standard container.



CONTAINER ENERGY STORAGE SYSTEM

Model		5MWh 2.5MW(0.5C)
Rated Capacity		3.2V314h cell/51.2V314Ah module
AC Phases		Three-phase four-wire system
Battery Module	Rated Voltage (V)	51.2
	Voltage Range (V)	46.4~56.8
	Communication	CAN/RS485
	Nominal Energy (AH)	314
	Operation Temperature	0~50℃
	Storage Temperature	-20~60℃
Battery Cluster	Rated Voltage (V)	768
	Voltage Range (V)	696~852
	Communication	CAN/RS485
	Nominal Capacity (AH)	314
	Operation Temperature	0~50℃
	Storage Temperature	-20~60℃
On-Grid Operation Mode	Rated Voltage (V)	400
	Voltage Range Allowed (V)	380±15%
	Frequency Range (Hz)	50~60
	Power Factor	≥0.99 (Absolute value)
Noise (Db)		<70
IP GRADE		IP54
Internal Communication		Ethernet
Monitoring System		Fire Extinguisher/Lighting System/Air Conditioner
Dimension (mm)		12192*2438*2591 (40GP) 6058*2438*2891 (20GP)
Weight (T)		~20
Cooling Method		Air Cooling
Certification		CE/MSDS/UN38.3/UL/IEC62619

PRODUCT FEATURE

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10 years warranty
- Modular design, high energy density, easy installation
- Customized for on/of-grid systems
- Support multi-country grid connection authentication requirements
- ≥8000 cycle times
- Safe, efficient and fast use