

ENERGY STORAGE CUBE

128kWh | 261kWh



High Efficiency & Reliability

Advanced active balancing BMS for full lifecycle management, extending service life.
Linux-based system with industrial-grade PC ensures stable operation under complex conditions.



Enhanced Safety

Multi-level protection with fire suppression, 24/7 monitoring for precise fault cell detection.
Automatic shutdown of associated cabinets upon critical alarms.



Easy Installation & Maintenance

Modular design, compatible with mainstream PCS, flexible configuration.
Pre-installed and pre-tested, reducing on-site debugging and enabling fast deployment.

COMMERCIAL & INDUSTRIAL ENERGY STORAGE SYSTEM

Model Type	Energy Cube-128kWh	Energy Cube-261kWh
Cell Parameters		
Cell Capacity	314Ah	314Ah
Cell Type	LFP	LFP
Pack Parameters		
Battery Pack Configuration	1P16S	1P52S
Rated Voltage	51.2V	166.4V
Battery Pack Capacity	16.07kWh	52.25kWh
Balancing	Active Balancing	Active Balancing
Cabinet Parameters		
Battery System Configuration	1P128S	1P260S
No.of Packs	8	5
Battery Cabinet Capacity	128kWh	261kWh
Battery Cabinet Voltage Range	352V-460.8V	715V-936V
Rate for Charging /Discharging	0.5P	0.5P
Cabinet Dimensions (H*W*D)	2220*810*1040mm	2250*966*1444mm
Net Weight(KGS)	1300	2280
Level of Protection	IP55	IP55 (Battery Cabinet)
Relative humidity	0-95%	0-95%
Operating Temperature Range	-20°C-50°C	-20°C-50°C
Cooling Method)	Air-Cooling	Liquid-Cooling
Fire Extinguishing Agent	Aerosol	Aerosol
Communication Protocol	Modbus/IEC60870-5-104/MQTT/CAN	Modbus/IEC60870-5-104/MQTT/CAN
Certification	IEC62619\IEC63056\IEC62477\IEC62040\UN38.3\CE-EMC\CE-LVD	IEC62619\IEC63056\IEC62477\UN38.3\CE-EMC\CE-LVD
Safety Protection	Overvoltage, Undervoltage, Overtemperature, Undertemperature, Overcurrent, Short-Circuit	