



Product Features

Cost Reduction

- Integrated Energy Storage System, Easy to Install, Operate and Maintain;
- Large Module Design, 50% Higher Than Traditional Energy Solutions.

Safety

- Multiple Balancing Measures to Ensure the Consistency of the Battery Life Cycle;
- The System Integrates a Gas + Water Fire Extinguishing System to Ensure Safety in Extreme Cases.

Efficiency Increase

- The System is Designed Based on a 1500v Platform, And the Dc Side Efficiency Can Reach 93%

Intelligence

- Multi-dimensional Analysis of Battery Status to Realize
- Rapid Location and Analysis of System Faults;
- Real-time Monitoring on the Cloud Without Personnel on Duty.



Air Cooling Energy Storage Container

Product Parameters

Parameter	20 Feet Container	40 Feet Container
Battery Type	Lithium Iron Phosphate	Lithium Iron Phosphate
Rated Capacity	3.2MWh	5.7MWh/5MWh
Rated Power	1.5MW	2.5MW
Rated Voltage	1152V	1280V
Voltage Range	1000v ~ 1460V	1000v ~ 1460V
Soc Estimation Accuracy	≤ 5%	≤ 5%
Self-discharge Rate/Month	≤ 3%	≤ 3%
IP Protection Level	IP54	IP54
Weight (Kg)	32,000	55,000
Cooling Method	Air Cooled	Air Cooled
Noise	<65 Db (At 1m from the System)	<65 Db (At 1m from the System)
Communication Interface	Ethernet	Ethernet
Communication Protocol	Modbus Tcp	Modbus Tcp

Liquid Cooling Energy Storage Container

Product Parameters

Parameter	20 Feet Container
Battery Type	Lithium Iron Phosphate
Rated Capacity	3.44 MWh
Rated Power	1.725 MW
Rated Voltage	1228.8V
Voltage Range	1075.2V ~ 1382.4V
Soc Estimation Accuracy	≤ 5%
Self-discharge Rate/Month	≤ 3%
IP Protection Level	IP54
Weight (Kg)	37,000
Cooling Method	Liquid Cooled
Noise	<65 Db (At 1m from the System)
Communication Interface	Wired: LAN, CAN, RS485
Communication Protocol	Modbus Tcp

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