

Energy Storage Container

Liquid-cooled container



Large-capacity Energy Storage
314Ah large-capacity cells, with an 8000-cycle long lifespan, ensuring a durable and stable power supply.



Advanced Liquid Cooling System
Effectively reduces the temperature of the battery, enhancing its performance and lifespan.



Strong environmental adaptability
Operating temperature -20℃~55℃ ,
IP55 high protection level, capable of withstanding extreme temperature variations.



Technical specifications

Model	5MWh energy storage liquid-cooled container
Product type	Lithium iron phosphate battery system
Rated capacity	5.016MWh
Rated voltage	1331.2V
Operating voltage range	1123.2V~1497.6V
Cell (of battery)	314Ah
Battery module	1P104S
Battery cluster	1P416S
System	12P416S
Rated charge power	2.5MW (0.5P1)
Rated discharge power	2.5MW (0.5P1)
Cooling method	Liquid cooling
Operating temperature	-20℃-50℃
Storage temperature	-30℃~45℃
Fire protection system	Perfluoro (Optional)
Environmental Monitoring	Temperature, Humidity, CO, H2, water immersion
Product Certification	GB/T36276
Protection level	IP55
20-foot container size	6058mm x 2438mm x 2896mm (±10mm)
Battery system weight	42 t±1 t