

PowerSTROM series

Liquid cooled storage container

High Energy Efficiency

- Premium High-Energy 314Ah Battery Cells
- High Energy Throughput Rate
- Single-Sided Door Opening

Stable and reliable

- High Environmental Adaptability
- Multi-Level Fire Protection Architecture
- Systematic Interlocking Protection

Remote inspection

- Real-Time Monitoring
- Intelligent Operation and Maintenance

SYSTEM PARAMETER

Item	Power**STROM** 3700	Power**STROM** 5000
Cell type	LiFePO4	LiFePO4
Rated energy	3.727MWh	5.015MWh
Dimension (W *D*H)	6058*2438*2896mm	6058*2438*2896mm
Rated voltage	1331.2Vdc	1331.2Vdc
Work voltage range	1164.8Vdc~1497.6Vdc	1164.8Vdc~1497.6Vdc
Number of battery clusters	10 clusters, 1P416S	12 clusters, 1P416S
Maximum charge/ discharge rate	0.5P@25℃	0.5P@25℃
Communication	RS485, Ethernet	RS485, Ethernet
Weight	≈36T	≈42T
Temperature	-30~55℃	-30~55℃
Humidity	0~95%RH	0~95%RH
Altitude	<4000m	<4000m
IP level	IP55	IP55
Fire fighting methods	PACK level firefighting, heptafluoropropane/ perfluorohexanone optional, water firefighting standard	PACK level firefighting, heptafluoropropane/ perfluorohexanone optional, water firefighting standard
Cooling method	Liquid-cooled, the temperature difference ≤3℃	Liquid-cooled, the temperature difference ≤3℃
Cycle life	>8000@25℃&0.5P	>12000@25℃&0.5P
Authentication	GB/T 36276-2023/UL1973/UL9540A/ /UL9540/IEC62619/IEC63056/IEC62933	GB/T 36276-2023/UL1973/UL9540A/ /UL9540/IEC62619/IEC63056/IEC62933

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Website
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Base
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Yixing,China
Cylindrical Cell:
Yichun,China

Far East Greater Bay Area Headquarters
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Customer Service Center
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Sales Office
ASIA: Shenzhen&Shanghai, China
EUR: Rotterdam, Netherland
Milano, Italy
Frankfurt, Germany
Santiago de Chile, Chile

Service Center & Warehouse
EUR: Rotterdam, Netherland
Frankfurt, Germany
Fermo, Italy