



PowerSTROM series Liquid cooled storage container



High energy efficiency

High quality high energy 314Ah cell, volume energy density increased by 30%;
High energy throughput, long life and low power consumption, cycle life exceeding 10000 times;
Single-side door opening, back-to-back layout design, the base occupied area is reduced by 30%, and the operation and maintenance efficiency of the plug-in box is increased by 50%



Stable and reliable

High environmental adaptability, can be used in a wide range of -30°C - 50°C environment; The highest altitude is 4000 meters
Multi-level fire structure, multi-layer safety measures, gas fire, water fire, explosion-proof fan combined protection
System linkage guarantee, 3S system, alarm system and fire host interlock cooperation mechanism



Remote inspection

Real-time monitoring, integrated monitoring system, can achieve unified scheduling management
Intelligent operation and maintenance, can access the Far East intelligent energy storage system cloud platform, to achieve safety and fault monitoring and early warning

SYSTEM PARAMETER

Item	PowerSTROM 5000	PowerSTROM 3700
Cell type	LiFePO4	LiFePO4
Rated energy	5.015MWh	3.727MWh
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
Rack QtY. clusters	12 clusters, IP416S	10 clusters, IP416S
Allowed P-rate	0.5P@25°C	0.5P@25°C
Communication	RS485, Ethernet	RS485, Ethernet
Weight	≈42T	≈36T
Temperature	-30~55°C	-30~55°C
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°C	Liquid-cooled, the temperature difference ≤3°C
Cycle life	>12000@25°C&0.5P	> 8000@25°C&0.5P
Authentication	UL1973/UL9540A//UL9540/IEC62619/IEC63056/IEC62933	UL1973/UL9540A//UL9540/IEC62619/IEC63056/IEC62933

Address
No.8, Keji Avenue, Gaocheng Town, Yixing City, Jiangsu Province, P.R. CHINA

Website
www.en.febattery.com

Base ESS:
Yixing, China
Cylindrical Cell:
Yichun, China

Far East Greater Bay Area Headquarters
located on 34F, Block C, Hongrongyuan Huanzhi Center, Longhua District, Shenzhen

Customer Service Center
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Sales Office
EUR: Rotterdam, Netherland
Frankfurt, Germany
Milano, Italy

ASIA: Shenzhen&Shanghai, China

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