



6-FMXH Series Front Terminal High Temperature Battery



Add: Economic Development Zone, Jiangyan district, Taizhou, Jiangsu, China.

Zip: 225500

Tel: +86 523-88521888

Fax: +86 523-88521244

E-mail: office@shuangdeng.com.cn

shoto[®]



Make full use of internet platform
Big Data cloud storage
Service for customers worldwide

With market share ranking first in the mainstream of China's telecom operators for many years and have get the net certificate in many regions around the world and sell to 127 nations and districts in five continents.

Shoto firmly promote green low-carbon career and always fulfill the concept of "new energy, circularity and high-tech", to manage from the five link key aspects: design, development, green purchasing, system management, recycling, energy conservation and emissions reduction to create green model for the industry, to create a green life for human beings and store a green future for the earth.

Pursue the perfection
To build up a strong
and sustainable enterprise

Shoto has owned several honors such as "National environment friendly enterprise", "National key high-tech industry group", "China's top 100 electronic information enterprises", "Global 500 new energy enterprises".

Explore actively
To find an ever-increasing energy new world

Communication

Possess all series of energy storage solutions and provide firm green energy security;

Telecom

Becoming the core of constructing the future smart grid center;

Power

New clean and efficient power energy, to provide endless power for the social development;

Recycling

Take the lead in building circulation industry chain, make renewable energy, restore a healthy earth.

Converge global industry experts
and unite research institutes
Collaborate with customers to develop
the world's leading energy storage systems

The establishment of the Chinese Academy of Sciences in cooperation with the establishment of the Advanced Energy Development Research Center, academicians workstation, post-doctoral research station, state-level enterprise technology center have take on the 863 and other national research projects and research and develop the world forward-looking high-end new energy projects.

Main Applications

- High temperature environment (35°C)
- Outdoor base station
- Floating operation site
- UPS

Benefits

- Reduce operational cost (less cooling consumption)
- Reduce CO₂ emission
- Secure operation under high temperature up to 55°C
- Double floating charge life vs. traditional VRLA battery under 35°C

Technical Features

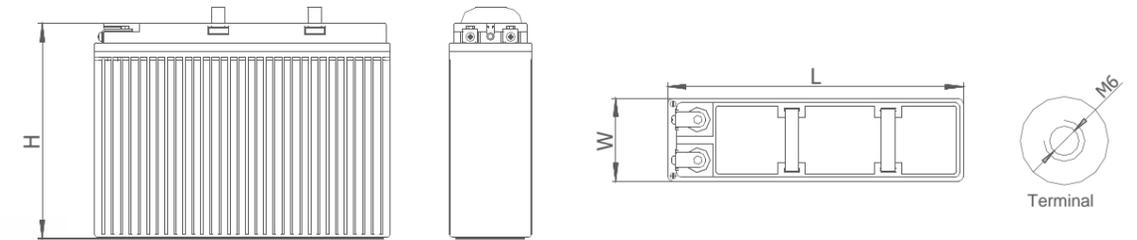
- Best performance for continuous operation up to 35°C
- Extend service life under high temperature
- Excellent over discharge recovery capability



SHOTO 6-FMXH series is a new product in the SHOTO battery family. This product has been designed for high temperature application, based on international advanced technology. With corrosion-resistant alloy material, special grid design, proprietary activator, low density electrolyte technology. 6-FMXH battery devote itself to protect our Environment and Human with green clean energy and natural resources used effective.



Drawings

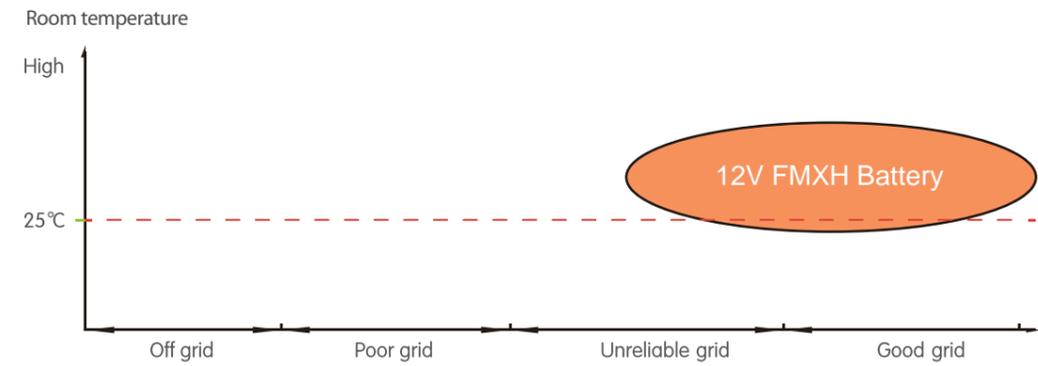


Specification



	6-FMXH-100B	6-FMXH-150B	6-FMXH-170
Nominal Voltage(V)	12	12	12
Length(mm)	395	549	559
Width(mm)	110	110	125
Height of Monobloc(mm)	286	310	315
Total Height(mm)	286	310	315
10hr Capacity(Ah, 25 °C)	100	150	170
10hr Capacity(Ah, 35°C)	103	155	175
Terminal	M6	M6	M6
Terminal Torque(Nm)	9~11	9~11	9~11
Internal Resistance (mΩ)	4.3	3.7	3.2
Short Circuit Current(A)	2122	2466	2852
Weight(kg)	31.5	49	57.5

Grid and Temperature

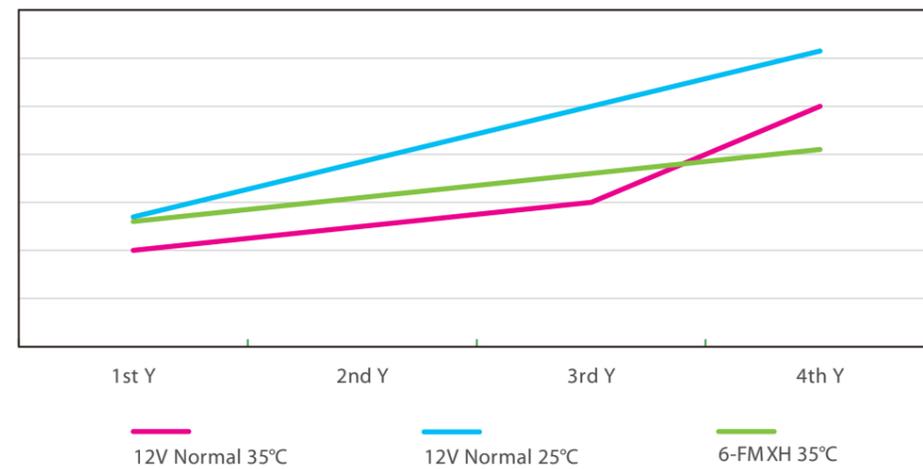


Note: Batteries shown above can be used for various grid and temperature scenes, but they are better suitable in given application compared

**Make it excellent to
“connect you and me”**

Shoto, as the leading green storage integration service supplier in Big Data age, using the forward-looking energy technology to share the green earth with our customers.

TCO under Good Grid



Note: Saving operational cost from the longer cycles life and the difference is allowed for various sites