



6-GFM-H Series High Power Battery



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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

- IDC and UPS
- High power & large current application scenarios
- Backup power for high precision device
- Emergency lighting, navigation lights

Benefits

- Specifically designed for high power & large current application scenarios with superior high rate, short term power
- Designed life of 12 years
- Low annual operating cost
- High security, reliability and stability

Technical Features

- Lower internal resistance and voltage drop, suited for high rate discharge applications and high efficient UPS
- Lower self-discharge rate, better charge acceptability and higher sealing reaction efficiency
- Exquisite craftsmanship and good coherence of internal resistance, capacity

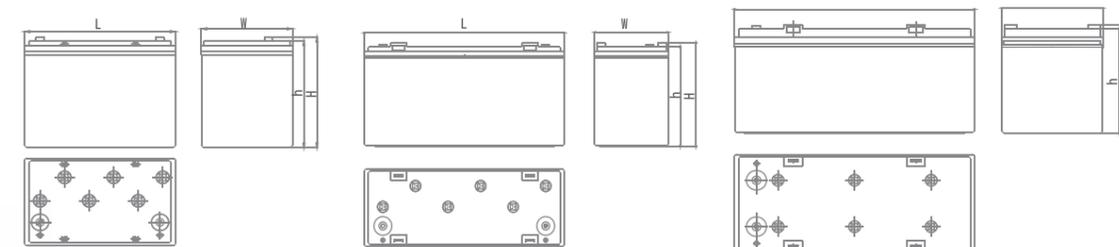


6-GFM-H series high power battery is the latest product in the SHOTO battery family. This product has been specially designed for IDC , UPS application with excellent high rate discharge performance, based on international advanced lead-acid technology and has been successfully used in thousands of IDC & UPS systems.

With corrosion-resistant alloy materials, special grid design, proprietary additive, low density electrolyte and advanced sealing technology, 6-GFM-H battery devotes itself to provide more stable and reliable backup power for IDC , UPS and electric system.



Drawings



6-GFM-85~100H

6-GFM-150H

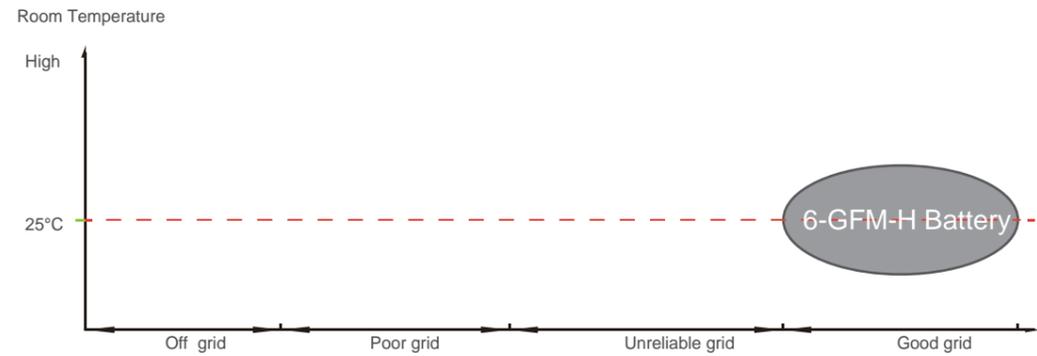
6-GFM-200H

Specification



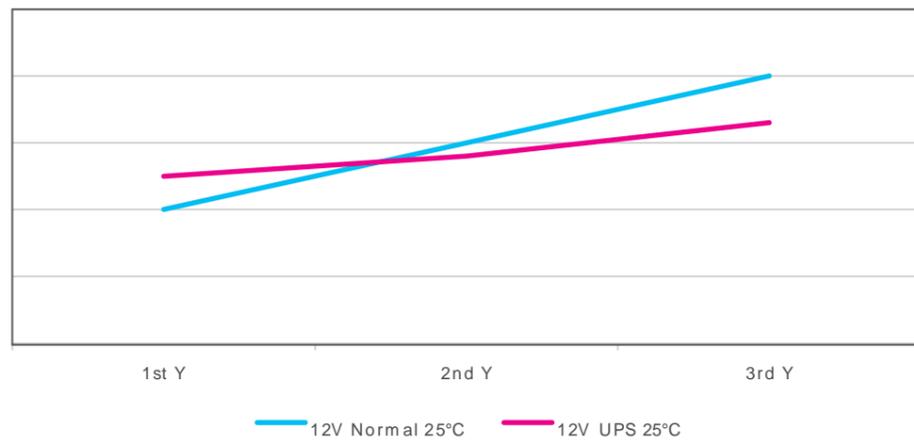
	6-GFM-85H	6-GFM-100H	6-GFM-150H	6-GFM-200H
Nominal Voltage(V)	12	12	12	12
Length(mm)	289	331	472	503
Width(mm)	174	174	174	212
Height of Monobloc (mm)	214	214	225	225
Total Height(mm)	222	222	233	233
10hr Capacity(Ah, 25°C)	85	100	150	200
Terminal	M8	M8	M8	M8
Terminal Torque(Nm)	15~17	15~17	15~17	15~17
Internal Resistance(mΩ)	3.9	3.3	2.7	2.6
Short Circuit Current(A)	2450	3070	3400	5200
Weight(kg)	28.2	32.5	47	62

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 to other battery types.

TCO under Good Grid



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.