



6-GFM Series



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

- Back-up power for communication and signal system
- Back-up power for Electric power system & nuclear power station
- Back-up power for military & navigation
- Back-up power for UPS & emergency lighting
- Fire alarm and security system

Benefits

- 10 years design life
- Safely and reliably sealed
- High energy density, low internal resistance and low discharge rate
- Excellent charging acceptability and high sealed reaction efficiency

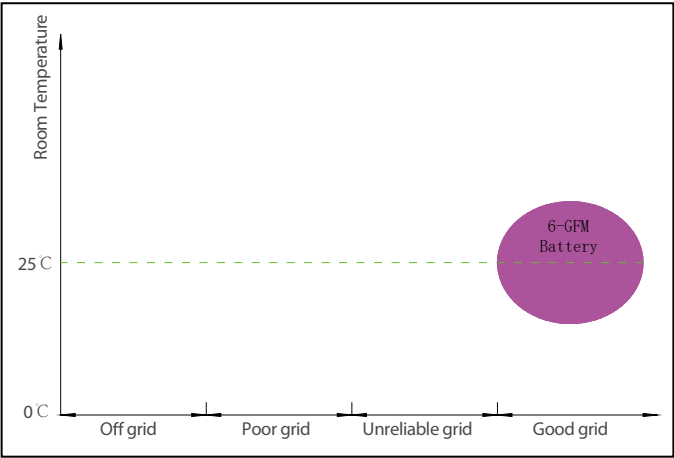
Technical Features

- Adopt high strength ABS plastic, compact structure for battery container and valve, good impact resistance, and shock resistant performance
- Adopt multi-element alloy grids, low internal resistance, good corrosion resistance ability and charging acceptability.
- New production process for plate, improve the utilization of active material
- High-purity electrolyte and special additives (ZL02112896.0),low self-discharge
- Multi-layer seal technology and special seal glue, no leakage and no acid mist escape, safe and reliable



6-GFM series VRLA battery is the latest product developed through latest modern technologies. The product conforms to YD/T 799-2010 standard. Its performance parameters have reached domestic leading level and it enjoys good reputation in China. This product can be broadly utilized as backup power supply for communication and signal systems such as telecommunication, railway and vessels etc., as the energy storage system of solar and wind power generation, and as the backup power supply of UPS and emergency illumination.

Grid and temperature



Drawings

6- GFM-26&40	6- GFM-50	6- GFM-65
6- GFM-80	6- GFM-100	
6- GFM-120	6- GFM-150&200	

Specification



Model	6-GFM - 26	6-GFM - 40	6-GFM - 50	6-GFM - 65	6-GFM - 80
Nominal Voltage(V)	12	12	12	12	12
Length(mm)	165	197	259	258	258
Width(mm)	125	165	133	168	168
Height(mm)	170	170	190	208	208
Total Height(mm)	174	174	202	214	214
10hr Capacity(Ah,25°C)	26	40	50	65	80
Terminal	M6	M6	M6	M6	M6
Terminal Torque(Nm)	9~11	9~11	9~11	9~11	9~11
Internal Resistance (m Ω)	11.3	8.0	7.0	5.2	5.1
Maximum Discharge Current (A)	148	235	310	403	496
Weight(Kg)	9	13.2	16	21	23.5



Model	6-GFM - 100	6-GFM - 120	6-GFM - 150	6-GFM - 200
Nominal Voltage(V)	12	12	12	12
Length(mm)	331	405	496	496
Width(mm)	174	171	203	259
Height(mm)	211	223	210	210
Total Height(mm)	220	231	220	220
10hr Capacity(Ah,25°C)	100	120	150	200
Terminal	M6	M8	M8	M8
Terminal Torque(Nm)	9~11	15~17	15~17	15~17
Internal Resistance (m Ω)	4.2	4.0	3.9	3.7
Maximum Discharge Current (A)	620	744	930	1240
Weight(Kg)	29.5	35.5	48	62

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.