

6-GFM-H Series High Power Battery



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.

● Main Application

- 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 10 years
- Low annual operating cost, reduced 20% TCO

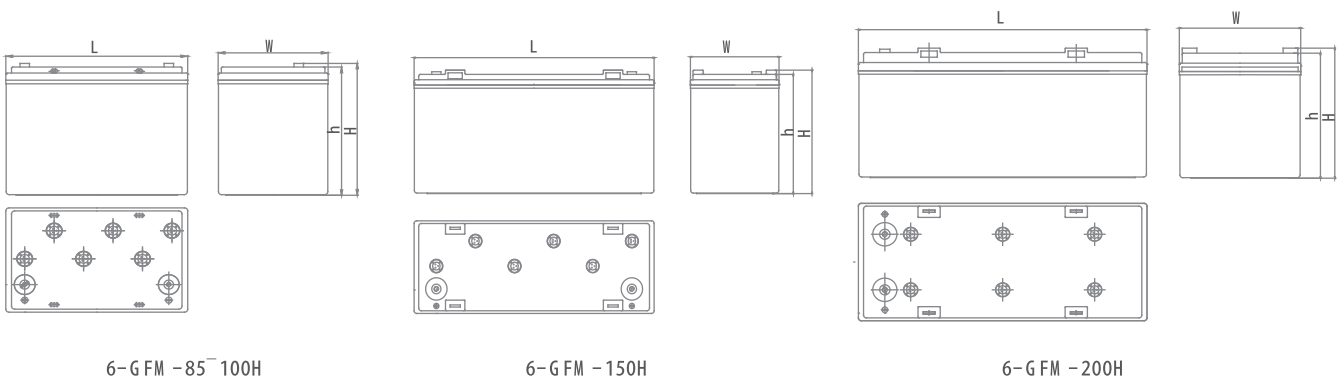
- High security, reliability and stability

● 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

• Drawings



• Specification

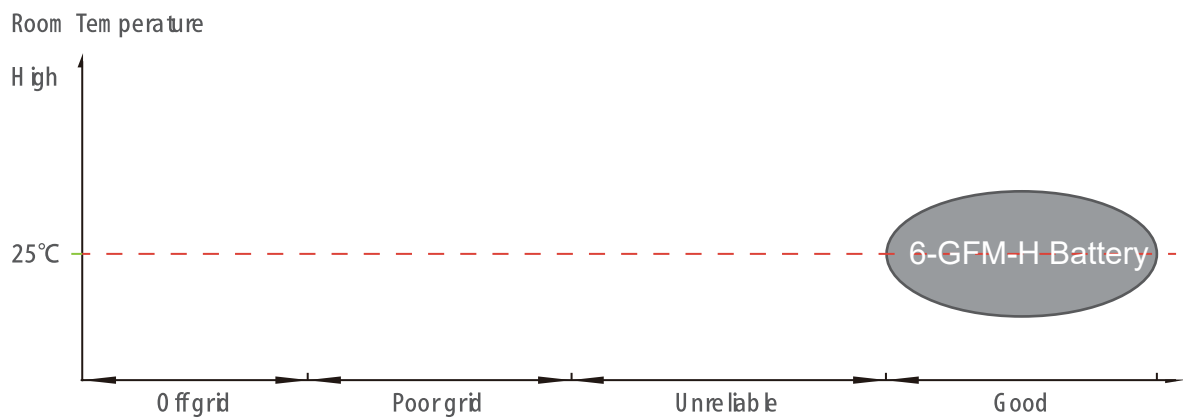


	6-GFM-85H	6-GFM-100H	6-GFM-150H	6-GFM-200H
Nominal Voltage(V)	12	12	12	12
Length(mm)	289	331	472	503
Width(mm)	174	174	174	212
Height of Monobloc (mm)	214	214	225	225
Total Height(mm)	222	222	233	233
10hr Capacity(Ah,25 °C)	85	100	150	200
Terminal	M8	M8	M8	M8
Terminal Torque(Nm)	15 ~ 17	15 ~ 17	15 ~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

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• 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

