

# GFM-U Series High Power Battery



## 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



The SHOTO GFM-U series high power battery is 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, unique plate mix design and low density electrolyte technology, GFM-U battery devotes itself to provide more stable and reliable backup power for IDC, UPS and electric system.

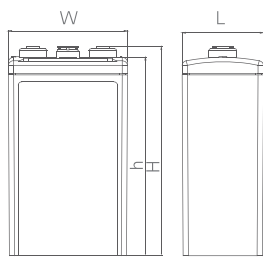
*Passion for Storage  
and Green Energy*

# GFM-U Series

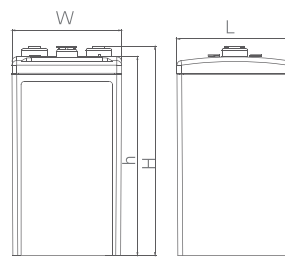
## High Power Battery



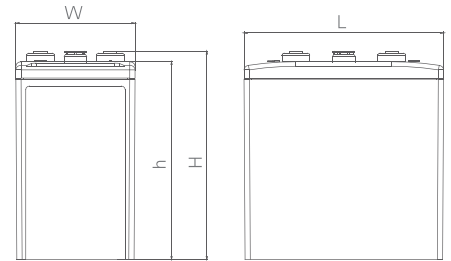
### Drawings



GFM-200~400U



GFM-500U



GFM-600~1000U

### Specification



	GFM-200U	GFM-300U	GFM-400U	GFM-500U	GFM-600U	GFM-800U	GFM-1000U
Nominal Voltage(V)	2	2	2	2	2	2	2
Length(mm)	90	124	158	191	225	303	370
Width(mm)	181	181	181	181	181	181	181
Height of Monobloc (mm)	346	346	346	346	346	346	346
Total Height(mm)	365	365	365	365	365	365	365
10hr Capacity(Ah,25°C)	200	300	400	500	600	800	1000
Terminal	M8	M8	M8	M8	M8	M8	M8
Terminal Torque(Nm)	15 ~ 17	15 ~ 17	15 ~ 17	15 ~ 17	15 ~ 17	15 ~ 17	15 ~ 17
Internal Resistance (mΩ)	0.65	0.54	0.42	0.30	0.28	0.35	0.30
Short Circuit Current(A)	5100	5800	6400	7000	7500	8300	8800
Weight(Kg)	13.2	18.4	24.1	29.8	36.2	49	59