

GFMHR Series

High-rate Valve-regulated Lead Acid Battery



shoto

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 GFMHR 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, GFMHR battery devotes itself to provide more stable and reliable backup power for IDC, UPS and electric system.

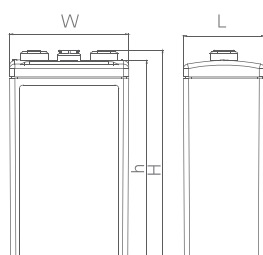
*Passion for Storage
and Green Energy*

GFMHR Series

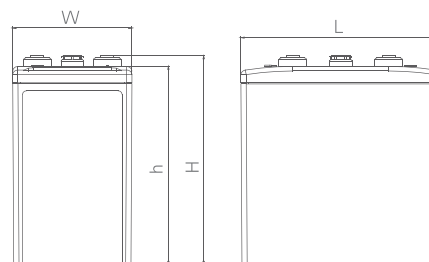
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Drawings



GFMHR-500W~1300W



GFMHR-1500W~2500W

Specification



Model	Voltage (V)	C ₁₀ (Ah, 25°C)	15min@ 1.67V/cell (W, 25°C)	Length (mm)	Width (mm)	Height of Monobloc (mm)	Total Height (mm)	Terminal	Torque (Nm)	IR (mΩ)	Weight (kg)
GFMHR-500W	2	180	500	90	181	346	365	M8	15~17	0.70	11.7
GFMHR-600W	2	200	600	90	181	346	365	M8	15~17	0.65	12.4
GFMHR-680W	2	220	680	90	181	346	365	M8	15~17	0.60	13.1
GFMHR-750W	2	240	750	90	181	346	365	M8	15~17	0.55	13.8
GFMHR-820W	2	280	820	124	181	346	365	M8	15~17	0.50	17.1
GFMHR-900W	2	300	900	124	181	346	365	M8	15~17	0.45	17.8
GFMHR-1000W	2	330	1000	124	181	346	365	M8	15~17	0.40	18.5
GFMHR-1100W	2	400	1100	158	181	346	365	M8	15~17	0.38	22.7
GFMHR-1250W	2	430	1250	158	181	346	365	M8	15~17	0.36	23.4
GFMHR-1300W	2	450	1300	158	181	346	365	M8	15~17	0.35	24.1
GFMHR-1500W	2	500	1500	191	181	346	365	M8	15~17	0.34	29.0
GFMHR-1600W	2	530	1600	191	181	346	365	M8	15~17	0.33	29.7
GFMHR-1770W	2	600	1770	225	181	346	365	M8	15~17	0.32	34.0
GFMHR-2000W	2	650	2000	225	181	346	365	M8	15~17	0.30	36.1
GFMHR-2200W	2	800	2200	303	181	346	365	M8	15~17	0.32	45.1
GFMHR-2500W	2	850	2500	303	181	346	365	M8	15~17	0.30	46.5

