

6-GFMHR Series

High Rate Battery



shoto®

Benefits

- ▶ High rate, can be used in the standby power which less than 15min
- ▶ High consistency, security, reliability and stability
- ▶ Fast charging speed, low self-discharge rate
- ▶ Designed life is 15 years
- ▶ Good anti-high current performance
- ▶ Good anti-over-discharge performance
- ▶ Excellent anti-overcharge performance
- ▶ Good anti-impact performance
- ▶ Excellent anti-vibration performance

Technical Features

- ▶ Double-sided smear, cast welding and other processes strengthen the process control and improve battery consistency
- ▶ High-strength ABS material and patented sealing technology ensure the normal use of the battery without leakage, expansion and rupture
- ▶ Corrosion-resistant alloy and stamping process greatly extend the battery life

*Passion for Storage
and Green Energy*



6-GFMHR series of high-rate valve-regulated sealed lead-acid battery is 12V new high-rate battery using the advanced technology and specifically for the data center, UPS and power systems.

The product is designed with special corrosion-resistant alloy and thin plate, compared with ordinary batteries, it has a greater plate surface area, proprietary additives and combination of labyrinth pole seal technology. Products is fabricated by foreign advanced equipment, such as Italy sovema lead belt machine, the United States OAK red machine, the United States wirtz coated machine, South Korea moojin casting welder, butt welding machine, the United States CMW acid machine, and so on.

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Specification



Model	Voltage (V)	C ₁₀ (Ah, 25°C)	15min@ 1.67V/cell (W, 25°C)	Dimension (mm)				Terminal	Torque (Nm)	IR (mΩ)	Weight (kg)
				L	W	H	TH				
6-GFMHR-320W	12	80	320	289	174	214	222	M8	15~17	3.8	26.5
6-GFMHR-390W	12	85	390	289	174	214	222	M8	15~17	3.4	28.5
6-GFMHR-440W	12	100	440	331	174	214	222	M8	15~17	3	32
6-GFMHR-500W	12	130	500	472	174	225	233	M8	15~17	2.8	42.4
6-GFMHR-550W	12	140	550	472	174	225	233	M8	15~17	2.5	44.5
6-GFMHR-630W	12	150	630	472	174	225	233	M8	15~17	2.2	46
6-GFMHR-700W	12	180	700	503	212	225	233	M8	15~17	2.2	58.1
6-GFMHR-750W	12	190	750	503	212	225	233	M8	15~17	2.1	60.5
6-GFMHR-800W	12	200	800	503	212	225	233	M8	15~17	1.8	61
6-GFMHR-350XW	12	90	350	395	110	286	286	M8	15~17	3.6	31
6-GFMHR-410XW	12	100	410	395	110	286	286	M8	15~17	3.4	33
6-GFMHR-500XW	12	140	500	549	110	310	310	M8	15~17	3.6	46.8
6-GFMHR-590XW	12	150	590	549	110	310	310	M8	15~17	3.3	49.5
6-GFMHR-630XW	12	180	630	559	125	315	315	M8	15~17	2.9	57.5
6-GFMHR-700XW	12	200	700	559	125	315	315	M8	15~17	2.8	60