



PRODUCT OVERVIEW

The Fullriver HC-HR Series battery range features advanced AGM (Absorbent Glass Mat) technology in special heat-resistant casings making them ideal for automotive use, particularly in heavy commercial applications including long-haul road transport, 4WD dual-battery installations, mining and emergency power generation.

Now you can have the best of both worlds – a spill-proof AGM battery with more cranking power than conventional starting batteries combined with true deep-cycling capability.

High-purity lead AGM construction accepts faster re-charging, providing more useable power than conventional deep-cycle batteries, making the Fullriver HC-HR range the ultimate choice for modern interstate trucks with large-capacity engines and very high accessory power requirements.



FEATURES AND BENEFITS

- Non-spillable AGM, 100% maintenance-free
- Safe for installation inside truck cabins
- Can be mounted in any direction (excluding upside down)
- Dual purpose design - ideal for both starting and cycling
- High-rate discharge – high current power delivery
- Deep-discharge with excellent recovery – rapid charge acceptance
- AGM approved by Worksafe® for use in diesel generators
- High vibration resistance extends life in severe-service applications

APPLICATIONS

Commercial Road Transport
Buses and Coaches
Earthmoving machinery
Mining machinery
Commercial Marine applications
Standby Diesel Generators
4WD Dual-Battery installations

PERFORMANCE CHARACTERISTICS

Capacity	20 hour rate (5A to 10.5 volts)	100Ah
	10 hour rate (9.3A to 10.5 volts)	93Ah
	5 hour rate (17.4A to 10.2 volts)	87Ah
Capacity affected by Temperature (20 hour rate)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self Discharge (25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Internal Resistance	< 4 milliOhms	
Reserve Capacity:	200 Min.	
Max Discharge Current (25°C)	1000A (5s)	
Cold Cranking Amps	-18°C, SAE	800A
	-0°C SAE	960A

TECHNICAL SPECIFICATIONS

Battery Type:	VRLA / AGM	
Voltage:	12	
Charging (Constant Voltage)	Cycle	Initial current 22A or less, 14.4 – 14.7V @ 25°C
	Float	13.6 – 13.8V @ 25°C
Overall Dimensions:	L307 x W169 x TH233	
Wet Battery Weight:	32.6 Kg	
Container Material / Colour:	Special Heat-Resistant ABS / Grey	
Lid Type / Colour:	Sealed, Valve-Regulated / Grey	
Plate Type:	Full-Frame Lead-Calcium	
Separator Type:	Absorbent Glass Mat (AGM)	
Assembly Layout:	1 (LH Pos)	
Terminal Type:	Standard SAE	
BCI Group	27 AGM	