



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.



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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 |