



## 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

- Protective steel casing with black powder-coat finish (limited range)
- Non-spillable AGM – no corrosion
- Safe for installation in racing cars and motorsports applications
- Can be mounted in any direction (excluding upside-down)
- Low-profile sizes for limited space applications
- Low self-discharge, less than 3% per month at 25°C
- Low resistance design – ideal for both starting and cycling
- High-rate discharge – high current power delivery
- Deep-discharge with excellent recovery – rapid recharge acceptance

## SPECIFICATIONS

<b>Voltage:</b>	12V
<b>Capacity (@20hr rate):</b>	105AH
<b>Terminal Height:</b>	233.5mm
<b>Height:</b>	211mm
<b>Length:</b>	330mm
<b>Width:</b>	173mm
<b>Weight:</b>	34.6kg

## CHARACTERISTICS

<b>Capacity</b>	20 hour rate (6A to 10.5Volts)	<b>105AH</b>
	10 hour rate (11.2A to 10.5Volts)	<b>98AH</b>
	5 hour rate (19.6A to 10.2Volts)	<b>89.5AH</b>
<b>Internal Resistance</b>	Fully charged battery 25°C	<b>5 mΩ</b>
<b>Capacity affected by Temperature (20 hour rate)</b>	40°C	<b>102%</b>
	25°C	<b>100%</b>
	0°C	<b>85%</b>
	-15°C	<b>65%</b>
<b>Self Discharge (25°C)</b>	Capacity after 3 month storage	<b>88%</b>
	Capacity after 6 month storage	<b>76%</b>
	Capacity after 12 month storage	<b>53%</b>
<b>Standard Terminal</b>	<b>AP</b>	
<b>Max Discharge Current (25°C)</b>	<b>1000A (5s)</b>	
<b>Cranking Performance</b>	Cranking Amps (30-sec amps to 7.2V @ 0°C)	<b>1100A</b>
	Cold Cranking Amps (30-sec amps to 7.2V @ -18°C)	<b>950A</b>
<b>Reserve Capacity (Minutes to 10.5V at 27°C)</b>	@ 25 Amps	<b>183Min</b>
	@ 75 Amps	<b>45Min</b>
<b>Charging (Constant Charge)</b>	Cycle	<b>Initial Charging Current 21A Or Small 14.4V~14.9V/25°C</b>
	Float	<b>13.6V~13.8V/25°C</b>