## PerfectRail<sup>™</sup> DS12V - 140HD



Rechargeable lead acid batteries for Rail Applications Engine Starting



100% Recyclability

Shock resistant

Low maintenance













## Hawker<sub>®</sub> PerfectRail<sup>™</sup> DS12V - 140HD

Part number: 3494562

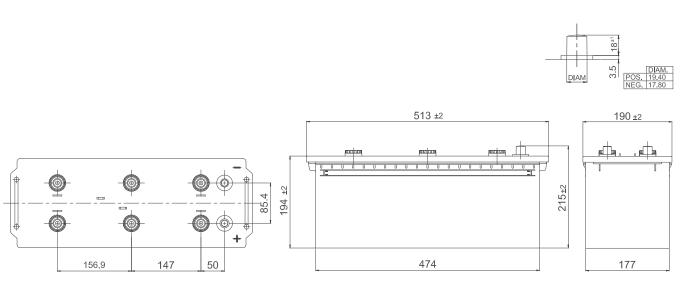
Technical Data	
Technology	Pb-Sb Technology
Grid Alloy	Pb-1.7%Sb/Pb-1.7%Sb
Nominal Voltage	12 V
Charging Voltage	14.25 +/- 0.25 V
Nominal Capacity C <sub>20</sub>	139 Ah
Nominal Capacity C <sub>10</sub>	119 Ah
Nominal Capacity C₅	112 Ah
Nominal Capacity C <sub>1</sub>	90 Ah
CCA (S.A.E.)	830 A
CCA (EN)	850 A
Operating Temperature	-15°C to +40°C
Internal Resistance	0.0081 Ω
Weight filled & charged	37.5 kg
Weight dry charged	25.9 kg
Electrolyte weight	11.7 kg
Electrolyte density	1.29 g/cm³ at 25°C
Electrolyte volume	9.1
Test Standard	EN 50342 (2002)

Hawker<sub>®</sub> PerfectRail<sup>™</sup> proven Pb-sb and hybrid Pb-Ca grid technology offers a cost effective and reliable battery, which you can depend on for consistent performance, irrespective on the application and environment.

The Hawker PerfectRail Diesel Starter range of 12-Volt flooded/wet batteries is suitable for engine starts and a source of on-board power for a wide range of rail vehicles.

The Hawker PerfectRail Diesel Starter battery is manufactured using the very highest quality raw materials, using state-of-the-art manufacturing equipment and process from plate casting through to assembly and formation. Quality control is ensured through automated self-checking operations and operator checks/tests performed by skilled technicians ensure the control and the continuous improvement of our processes and products.

The Hawker PerfectRail Diesel Starter battery is designed with quality in mind to boost your energy, when you need it the most.





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