



RM1 H

12v 64Ah Batteries



The **RM1 H** is a new generation of Nickel Metal Hydride 12 volt 64Ah batteries designed specifically for the British Army. This unit is one of the most advanced batteries in the world today.

The **RM1 H** comes with fitted heaters allowing it to operate in extreme temperatures as low as -30°C. or equally comfortable at the other end of the scale at 70°C.

Totally water resistant, this battery will operate in partially submerged conditions without any major damage to the electronics within the unit, making it ideal for covert operations in hostile environments.

These batteries can cover all areas of deployment, from the Arctic Through to the Tropics. Both the outer and inside of the case have been treated with a special nylon coating which is resistant to most chemicals, including acid.

A four-segment LED display shows the battery's state of charge, via a simple press to test button. All plugs and sockets are P68 rated. The purpose designed **RMBC 64**, charging unit, charges the battery in less than 6 hours from flat to full. The unit is capable of more than 600 recharges before a cell change is required, making it extremely cost effective.

Technical Specifications

Internal Batteries

Cell Type	Nickel Metal Hydride
Batteries	16x204/3A packs
Charge Control Protection	10K Thermistor
Feedback Current Protection	Schottky diodes
Temperature	-30°C to 70°C

Physical

Case	Armoured Aluminium
Coating	Rayon Nylon
Safety	1 Bar safety valve
Battery Indicator	4x LED segments
Charger Socket	IF 68 rated Amphenol
Output Socket	IF 68 rated Amphenol
Dimensions	312 x 300 x 80mm
Weight	12 Kg

Electrical

Smart Mode	Electronic analyser
Low Voltage Detector	4 x Cut off switches
Nominal Voltage	12 v
Capacity	64Ah
Maximum Discharge	12 Amps
Charge Time	6 hours (flat to full)
Minimum Charge Cycles	600

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