



HAWK

24v Nickel Metal Hydride Battery



The **Hawk** (RMBP64- 24) is a new generation of Nickel Metal Hydride Battery. With its vast range of working temperature, -20° to 60°C or (-50° to 60°C for the heated version).

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 indicator, simple press to test button. Built in analytical computer allows information to be downloaded from the battery. All plugs and sockets are **Amphenol** and are totally waterproof, complete with dust caps.

The purpose designed RMBC 64/24, charging unit, charges the battery in less than 5 hours. 600 recharges cycle life are the minimum, after this the unit can be returned for a cell change and software update to give another 600 cycles.

Designed as a general-purpose battery with a very wide variety of uses, such as, Covert, Overt, Medical, Remote unmanned re-broadcast station and many more.

Technical Specifications

Internal Batteries	
Cell Type	Nickel Metal Hydride
Batteries	16x204/3A packs
Thermal Protection	Pepi N-i 80C
Over Current Protection	Polyswitch SRP350
Charge Control	Thermistor 10K ohm NTC
Feedback Current Protection	16x Schottky diodes 6A 45V
Temperature	-20°C to 60°C
Physical	
Case	2mm Aluminium
Coating	2 Coats of nylon both inside and outside
Safety	1 Bar safety valve fitted to case wall
Battery Indicator	4x LED segments
Charger Socket	41 Pin Amphenol MIL-C-26485
Battery Socket	2 Pin Amphenol
Dimensions	192x152x425 (HxWxD)
Weight	20.75 Kg
Electrical	
Smart Mode	Electronic gas gauge with cell analyser and computer download facility
Low Voltage Detector	Low voltage battery switch
Nominal Voltage	24v
Capacity	50Ah (True)
Maximum Discharge	10 Amps
Charge Time	4.5 hours (flat to full)
Minimum Charge Cycles	600

Patent Application Number: 0055359.5
NSN 6140-99-957-9171

For further information

Tel: +44(0) 1235 766600
Fax: +44(0) 1494 580681
e-mail: rtm6@btinternet.com
www.atsi.co.uk

