



HIGH PERFORMANCE LIGHTING EQUIPMENT

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NR - Nickel/Metal Hydride USER INSTRUCTIONS

The lightweight (230 gm) NR headpiece has twin halogen bulbs which are rated at 10 W and 20 W when used with the 6 Volt Nickel-Metal Hydride battery. When "over run" with the 7.2 Volt NiMh battery the consumption goes up to nearer 15 W and 30 W but the light output is greater than a conventional 50 W Halogen bulb. The downside is bulb filament life is reduced to around 30 to 40 hours but we are sure you will think it worthwhile!

Duration: (6V battery)
10 W halogen 6 hours
20 W halogen 3hours

Duration: (7.2V battery)
10 W (nominally) halogen 4.8 hours
20 W (nominally) halogen 2.4 hours

These figures are approximate as batteries and bulb filaments vary.

Caution

With bulbs of this power considerable heat is generated.

If accidentally switched on in a rucksack or bum-bag a fire could result!. Please ensure that the plug is disconnected from the battery when not in use.

Please do not handle the bulbs at working temperature or you could burn yourself!.

The life of your battery will be prolonged if it is not completely discharged with such powerful bulbs. When the light starts to dim please switch off.

Do not puncture or incinerate the battery.

Charging

Your battery takes 16 hours for a full charge. It is unnecessary to fully discharge before charging as it has no "memory".

The chargers for the 6V and 7.2V batteries are different and damage could be done to battery or charger by incorrect matching!.

Top-up charging is fine (e.g. half use - half charge) and does not have to be precise.

The red LED simply indicates that charging is taking place.

Bulb Changing

Such powerful bulbs as these become extremely hot in use and should be allowed to cool from their working temperature before handling!.

The bulb guard can be removed by undoing the four retaining screws and the bulb pulled from its holder. Please replace the guard after the bulb as it is there for your protection as well as bulb retention.

Replacement of the complete unit ensures that reflectors, as well as filaments, are always in good condition to maintain the efficiency of your light.

Bulb life will be improved by waiting 15 minutes or so before switching on after charging because battery voltage is artificially high when on charge