

# HALO PLUS 2™

A new generation of rechargeable halogen torches providing the professional services and industry alike with a compact hand held lighting solution, and, by utilising the tough highly flexible belt clip, hands-free operation.

## Wide range of applications:

- Industry
- City's Public Works Departments, Utilities: Electricity, Water, Gas & Water
- Airports, Airplanes, Maintenance
- Military, (N.A.T.O - Approval) and Police
- Customs & Excise etc.

## Torch specification:

- Powerful 10,000-candlepower beam of light
- High impact & robust casing
- Measures only 140x66x60mm
- Weighs only 400-450gr
- Strong belt/pocket clip
- Two level light output:  
Normal high output spot  
Dimmed for smoke and fog -
- Up to 5h continuous light
- White LEDs can be mounted in a ring array, to provide an even floodlight with up to 20h of continuous use
- 21 LEDs with wide or narrow beams can be mounted, with max. of 3 colours (red, green, yellow, blue and white)
- A yellow low battery LED is provided on some models gives approx. 1/2h warning before the light extinguishes



## The NEW Halo Plus2™ Standby:

- Automatically switches on when mains fail and off when restored.
  - Choice of high intensity halogen light for 3 hours or a lower intensity for 6 hours.
  - Incorporates an LED, which flashes to warn the battery is getting low, it also stays on to indicate charging or a low battery.
  - Has a micro-controller that monitors the battery condition, switching the lamp off if the battery gets too low and it ensures that it gets fully charged.
- Once the battery is fully charged, the micro-controller will maintain the battery with a 2-hour burst charge every 24 hours.



## Battery options:

- 3 alkaline batteries in a cassette, approx. 5h of light
- 3 Ni-Cad 2.2Ah rechargeable batteries in a cassette, 3h of light
- 3 environmentally friendly Nickel-Metal Hydride 3.3Ah rechargeable batteries in a cassette, approx. 4 1/4h of light
- Cassettes with rechargeable batteries can be charged separately

## 3 types Chargers:

- Standard chargers for Ni-Cad, charge time approx. 16h
  - HTS Hi-TEC electronic chargers, charge time approx. 10h
  - Fast chargers, charge time approx. 2 1/2h
- Available in:
- Single or 5-way combinations
  - Operating at 230V, 12V, or 24V



### Torch technical specification:

Bulb: Halogen 4.0V, 0.85A  
Light duration with fully charged batteries approx. 3- 5h  
Switch: 3 position rocker or sliding switch  
Torch case: Made from impact resistant ABS  
Battery cassette: Easily removed and replaced  
Protection: IP-54  
Bulb change is straightforward

### Popular options:

White LED's: 6 white high intensity LED's,  
Light pattern at 1m, gives an approx. diam. of 2-3m  
Duration approx. 20h  
Red LED's: 10 red LED's, long-range danger signal  
Red - Green LEDs: 10 red & 10 green for traffic control  
Yellow LED: 1/2h warning given before light extinguishes

### Charger Technical Specifications:

#### Standard:

Single and 5-way:  
230V  
12V or 24V, with  
Auto-switch to prevent over-discharge of vehicle battery  
Charge duration: Approx. 16h  
Charge rate: 220 mAh

#### HTS Hi-Tec electronic:

Single and 5-way:  
230V  
10-30V universal  
12V or 24V,  
Auto-switch to prevent over-discharge of vehicle battery  
Charge duration: Approx. 10h  
3 stages:  
Fast charge (C/8 for 8 hours), achieves at 10°C - 95% of the capacity.  
C/10 for 2 hours) to balance and equalise the batteries,  
finally a maintenance charge at C/40.

#### Fast:

Single and 5-way:  
230V  
12V or 24V,  
Auto-switch to prevent over-discharge of vehicle battery  
Charge duration: at 10°C approx. 1 3/4h  
2 stages:  
Fast charge and maintenance charge  
Charge rate: 1.7A

### Accessories:

Wrist strap  
Chest harness  
Metal handle  
Spare cassettes



[www.furneauxriddall.com](http://www.furneauxriddall.com)

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