

# CABS-COMKIT 1700 Lm Commuter Kit

## Product Features

Operating Environment	-20C - +50C	Operating Voltage	8.4V
Storing Environment	0C - +50C	Power Output	Front: High: 10W / Med: 3W / Low: 0.5W
Front Bulb Type	1 x CREE X-Lamp XP-L V6 LED – Natural White	Battery Pack/ Battery	Front – 4 x 18650 Waterproof Rechargeable Lithium-Ion. Rear – 1 X RCR123A Rechargeable Lithium-Ion 1000mAh Battery
Rear Bulb Type	2 x CREE XM-L L2		
Run Time Front Light	High: 3 hr / Low: 5 hr	Charge Voltage	8.4V ± 0.1V
Luminosity (both lights combined)	Front: 1200 lumens Rear: 500 lumens	Switch	Waterproof button switch
Bulb Life Span	≈ 2500 hrs	Weight	0.62 Kg
Material	6061-T6 Aluminium	Operating Modes	See Switch Details Below. For Rear Light Modes see other Instruction Sheet
Waterproof Standard	IP 65		

## Usage Instructions & General Maintenance

**Switch:** When the light is connected to power supply the switch glows green. It remains green whilst the power balance is within the 66 - 100% range. When the balance drops below 66% the switch glows yellow. When the balance drops below 33% the light glows red and lamp will change to Low. Flashing red indicates imminent power down.

**Modes:** To turn light on & off hold switch down for 2 secs. Light starts at low setting, single clicks will cycle through medium and high settings. Double click in any mode will instigate pulse mode which is constant med with pulse high.

## Product Safety Functions

1. On startup, if an abnormal state of acuity opening or short circuit is detected light will automatically shut down within 1 second into protected state.
2. Battery Recharge Protection is automatic and will shut down the operation.
3. Battery Short Circuit protection is automatic and will shut down the operation and go into protected state.

## Caution

1. Do not look directly in light or point in another person's eyes – this may cause damage to eyesight.
2. Please charge battery pack fully before use and charge away from explosive, flammable material or gas.
3. Do not pack light in baggage connected to battery pack – this may result in accidental operation of light causing damage to other items in baggage, or possibly, fire.
4. Do not touch glass lens after long period of use – it may cause burns

## Battery Precautions & Usage

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Do not dispose of battery pack in fire</li> <li>2. Do not deliberately short circuit the battery</li> <li>3. Avoid dropping battery pack or causing it to suffer heavy blows or excessive shaking.</li> </ol> | <ol style="list-style-type: none"> <li>4. Do not try to dis-assemble the battery and replace cells with other batteries.</li> <li>5. Do not submerge in water.</li> <li>6. Keep battery pack away from children.</li> <li>7. Only use battery pack supplied with the light.</li> </ol> |
|---|--|

## Charging Environment Parameters & Rules

1. Charging Current ≤ 2000 mA	4. Use only the approved charger
2. Charging Voltage ≤ 8.4V	5. Charging environment humidity is 65 ± 25%
3. Charge environment temperature 0°C – 50°C	6. Charge time 4 hrs – maximum time on charge - 24 hrs

### TIPS:

1. **Snap-on cable connectors** can be difficult to dis-connect, especially when new, a light smear of petroleum jelly on the collar of the connectors will make them easier to assemble and dis-assemble. Petroleum jelly (Vaseline) is itself a water barrier and this will not affect waterproofing.
2. **Repeated short use periods** followed by re-charge can induce 'memory' into battery pack cells. Regular full-discharge and recharge cycles will keep your battery in tip top condition. Long periods of dis-use should be avoided.