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User manual









Cordless LED Flashlight

MODEL NUMBER: ☐ CEDLLi
SERIAL NUMBER:

Model number and serial number should be on nameplate.
You should write them down and store in a safe place.



Symbols

-  Read instruction manual.
-  Indoor use only
-  Do not stare at the operating light source.
-  Only for EU countries
Do not dispose of electric equipment or battery pack together with household waste material!
- 
Cd
Ni-MH
Li-ion

In observance of the European Directives, on Waste Electric and Electronic Equipment and Batteries and Accumulators and Waste Batteries and Accumulators and their implementation in accordance with national laws, electric equipment and batteries and battery pack(s) that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

SPECIFICATIONS

Model:	CEDLLi
LED Bulb	3W, 1 W x 3Pcs
Luminosity	260 Lumin
Dimensions (L x W x H)	214 mm x 81 mm x 135mm
Rated voltage	D.C. 20 V
Net weight	0,25KG

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Specifications may differ from country to country.
- The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table.

Applicable battery cartridge

battery cartridge	CEDLi-Ion 2Ah, CEDLi-Ion 4Ah
battery charger	CEDFCH2.4, CEDDCH3.0

WARNING: Only use the battery cartridges & chargers listed above. Use of any other battery cartridges & chargers may cause injury and/or fire.

Operating time

Battery cartridge CEDLi-

Ion 2AH (2.0Ah) CEDLi-	Operating time
Ion 4AH (4.0Ah)	>16 hours >32
	hours

- The operating times in the above table are a rough guideline. They may differ from actual operating times.
- Operating times may differ depending on battery type, charging status, and usage condition.
- Battery cartridge may differ from country to country.

1. Do not look into the light, or do not expose the light to eyes. Eyes may be damaged.
2. Do not cover or clog the lit tool with cloth or carton, etc. Covering or clogging it may cause a flame.
3. The tool is not waterproof. Do not use it in damp or wet locations. Do not expose it to rain or snow. Do not wash it in water.
4. Do not touch the inside of the flashlight head with tweezers, metal tools, etc.
5. Do not give the tool a shock by dropping, striking, etc.
6. When the tool is not in use, always switch off and remove the battery cartridge from the tool.
7. Battery tool use and care

SAFETY WARNINGS

IMPORTANT SAFETY INSTRUCTIONS

safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

READ ALL INSTRUCTIONS.

- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the machine. Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents. Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing machine. Such preventive safety measures reduce the risk of starting the appliance accidentally.
- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use appliance only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.

Shorting the battery terminals together may cause burns or a fire.

- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, seek medical help. Liquid ejected from the battery may cause irritation or burns.
- Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- Do not expose a battery pack or appliance to fire or excessive temperature.
- Exposure to fire or temperature above 130°C (265°F) may cause explosion.
- Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range

specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.

- Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- Do not modify or attempt to repair the appliance or the battery pack except as indicated in the instructions for use and care.
- Do not dispose of the battery(ies) in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
- Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- Do not charge battery in rain, or in wet locations.
- Do not handle charger, including charger plug, and charger terminals with wet hands.
- Do not charge the battery outdoors.

Important safety instructions for battery cartridge

1. Before using battery cartridge, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.
2. Do not disassemble battery cartridge.
3. If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.

4. If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away. It may result in loss of your eyesight.
5. Do not short the battery cartridge:
 - (1) Do not touch the terminals with any conductive material.
 - (2) Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.
 - (3) Do not expose battery cartridge to water or rain.

A battery short can cause a large current flow, overheating, possible burns and even a breakdown.

6. Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 50 °C (122 °F).
7. Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.
8. Be careful not to drop or strike battery.
9. Do not use a damaged battery.
10. The contained lithium-ion batteries are subject to the Dangerous Goods Legislation

requirements. For commercial transports e.g. by third parties, forwarding agents, special requirement on pack-aging and labeling must be observed.

For preparation of the item being shipped, consulting an expert for hazardous material is required. Please also observe possibly more detailed national regulations.

Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging.

11. When disposing the battery cartridge, remove it from the tool and dispose of it in a safe place. Follow your local regulations relating to disposal of battery.
12. Use the batteries only with the products specified by Cedrus. Installing the batteries to non-compliant products may result in a fire, excessive heat, explosion, or leak of electrolyte.
13. If the tool is not used for a long period of time, the battery must be removed from the tool.

SAVE THESE INSTRUCTIONS.

⚠CAUTION: Only use genuine Cedrus batteries. Use of non-genuine Cedrus batteries, or batteries that have been altered, may result in the battery bursting causing fires, personal injury and damage. It will also void the Cedrus warranty for the Cedrus tool and charger.

Tips for maintaining maximum battery life

1. Charge the battery cartridge before completely discharged. Always stop tool operation and charge the battery cartridge when you notice less tool power.
2. Never recharge a fully charged battery cartridge. Overcharging shortens the battery service life.

3. Charge the battery cartridge with room temperature at 5 °C - 45°C . Let a hot battery cartridge cool down before charging it.
4. Charge the battery cartridge if you do not use it for a long period (more than six months).

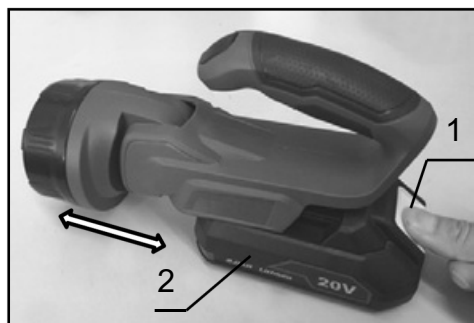
FUNCTIONAL DESCRIPTION

CAUTION: Always be sure that the tool is switched off and the battery cartridge is removed before adjusting or checking function on the tool.

Installing or removing battery cartridge

CAUTION: Always switch off the tool before installing or removing of the battery cartridge.

CAUTION: Hold the tool and the battery cartridge firmly when installing or removing battery cartridge. Failure to hold the tool and the battery cartridge firmly may cause them to slip off your hands and result in damage to the tool and battery cartridge and a personal injury.



- 1. Button 2. Battery cartridge

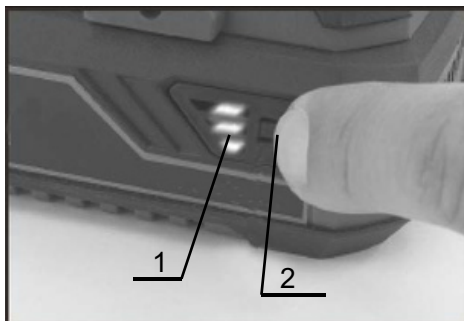
To remove the battery cartridge, slide it from the tool while sliding the button on the front of the cartridge.

To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click. If you can see the red indicator on the upper side of the button, it is not locked completely.

CAUTION: Always install the battery cartridge fully. If not, it may accidentally fall out of the tool, causing injury to you or someone around you.

CAUTION: Do not install the battery cartridge forcibly. If the cartridge does not slide in easily, it is not being inserted correctly.

Indicating the remaining battery capacity



- 1. Indicator lamps 2. Check button

Press the check button on the battery cartridge to indicate the remaining battery capacity.

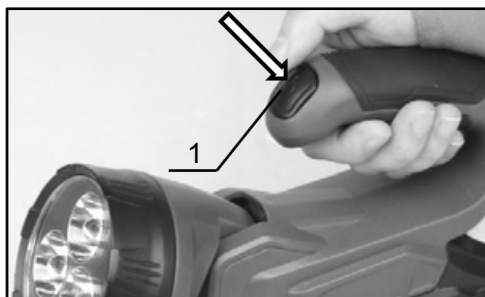
Indicator lamps		Remaining capacity
Lighted	Off	
		75% to 100%
		25% to 50%
		10% to 25%

NOTE: Depending on the conditions of use and the ambient temperature, the indication may differ slightly from the actual capacity.

Lighting up the light

CAUTION: Do not look in the light or see the source of light directly.

Push the power button to light up the light. To turn off the light, push the power button again.



- 1. Power button

Battery protection system

The tool is equipped with the protection system, which automatically cuts off the output power for long service life. The light goes off during operation when the remaining battery capacity gets low. This is caused by the activation of the protection system and does not show trouble. Remove the battery cartridge from the tool and charge it.

Head angle adjusting

CAUTION: When changing the head angle, be careful not to pinch your fingers between the head and the tool body.

The head angle can be adjusted total 90 degree in 4 stages. Adjust as desired.



MAINTENANCE

CAUTION: Always be sure that the tool is switched off and the battery cartridge is removed before attempting to perform inspection or maintenance.

NOTICE: Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Cedrus Authorized or Factory Service Centers, always using Cedrus replacement parts.