



Cat. No. / No de cat.
2160-20

REDLITHIUM™ USB 800L COMPACT FLASHLIGHT LAMPE DE POCHE COMPACTE DE 800 L REDLITHIUM™

IMPORTANT SAFETY INSTRUCTIONS

⚠WARNING READ ALL SAFETY WARNINGS, INSTRUCTIONS, ILLUSTRATIONS AND SPECIFICATIONS PROVIDED WITH THIS POWER TOOL. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. **SAVE THESE INSTRUCTIONS- THIS OPERATOR'S MANUAL CONTAINS IMPORTANT SAFETY AND OPERATING INSTRUCTIONS.**

- AVOID DANGEROUS ENVIRONMENTS.** Do not charge battery in rain, snow, damp or wet locations. Do not use battery or charger in the presence of explosive atmospheres (gaseous fumes, dust or flammable materials) because sparks may be generated when inserting or removing battery, possibly causing fire.
- CHARGE IN A WELL VENTILATED AREA.** Do not block charger vents. Keep them clear to allow proper ventilation. Do not allow smoking or open flames near a charging battery. Vented gases may explode.
- MAINTAIN CORD.** When unplugging charger, pull plug rather than cord to reduce the risk of damage to the electrical plug and cord. Never carry charger by its cord. Keep cord from heat, oil and sharp edges. Make sure cord will not be stepped on, tripped over or subjected to damage or stress. Do not use charger with damaged cord or plug. Have a damaged charger replaced immediately.
- USE ONLY RECOMMENDED ATTACHMENTS.** Use of an attachment not recommended or sold by the battery charger or battery manufacturer may result in a risk of fire, electric shock or personal injury.
- TO REDUCE THE RISK OF ELECTRIC SHOCK,** always unplug charger before cleaning or maintenance.
- DO NOT BURN OR INCINERATE BATTERY PACKS.** Battery may explode, causing personal injury or damage. Toxic fumes and materials are created when battery are burned.
- DO NOT CRUSH, DROP, OR DAMAGE BATTERY.** Do not use a battery or charger that has received a sharp blow, been dropped, run over, or damaged in any way (e.g., pierced with a nail, hit with a hammer, stepped on).
- DO NOT DISASSEMBLE.** Incorrect reassembly may result in the risk of electric shock, fire or exposure to battery chemicals. If it is damaged, take it to a MILWAUKEE service facility.
- BATTERY CHEMICALS CAUSE SERIOUS BURNS.** Never allow contact with skin, eyes, or mouth. If a damaged battery leaks battery chemicals, use rubber or neoprene gloves to dispose of it. If skin is exposed to battery fluids, wash with soap and water and rinse with vinegar. If eyes are exposed to battery chemicals, immediately flush with water for 20 minutes and seek medical attention. Remove and dispose of contaminated clothing.
- DO NOT SHORT CIRCUIT.** A battery pack will short circuit if a metal object makes a connection between the positive and negative contacts on the battery pack. Do not place a battery pack near anything that may cause a short circuit, such as coins, keys or nails in your pocket. Do not allow fluids to flow into battery pack. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach containing products, etc., can cause a short circuit. A short circuited battery pack may cause fire, personal injury, and product damage.
- STORE** in a cool, dry place. Do not store battery where temperatures may exceed 120°F (50°C) such as in direct sunlight, a vehicle or metal building during the summer.
- TO REDUCE THE RISK OF INJURY, CLOSE SUPERVISION IS NECESSARY** when an appliance is used near children.
- STORE IDLE LIGHT OUT OF REACH OF CHILDREN.** Warm lights can become hazardous in the hands of children.
- KNOW YOUR LIGHT.** Read this manual carefully to learn your light's applications and limitations as well as potential hazards associated with this type of light.
- MAINTAIN LABELS AND NAMEPLATES.** These carry important information. If unreadable or missing, contact a MILWAUKEE service facility for a free replacement.

SYMBOLOLOGY

- Volts
- Direct Current
- Amps
- Do not stare at the operating light source
- Read Operator's Manual
- Properly Recycle Batteries
- Backfeed Protected
- Universal Serial Bus (USB)

SPECIFICATIONS

Cat. No. **2160-20**
 USB Input Volts 5 DC
 USB Input Amps 0.1 - 2.1 A
 Output Volts 4 DC
 Output Amps 2.5 A
REDLITHIUM® USB Batteries
 Volts 4 DC
 Operating Temperature
 Battery and Charger 40°F to 104°F (4°C to 40°C)
 Battery and Tool 0°F to 149°F (-18°C to 65°C)
Power Supply Cat. No. 44-66-1202

BATTERY

⚠WARNING To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your tool, battery pack or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach containing products, etc., can cause a short circuit.

Maintenance and Storage

Do not expose your battery or cordless tools to water or rain, or allow them to get wet. This could damage the tool and battery. Do not use oil or solvents to clean or lubricate your battery. The plastic casing will become brittle and crack, causing a risk of injury. Store batteries at room temperature away from moisture. Do not store in damp locations where corrosion of terminals may occur. As with other battery types, permanent capacity loss can result if the pack is stored for long periods of time at high temperatures (over 120° F). MILWAUKEE Li-Ion batteries maintain their charge during storage longer than other battery types. After about a year of storage, charge the battery as normal.

⚠WARNING To reduce the risk of injury or explosion, never burn or incinerate a battery pack even if it is damaged, dead or completely discharged. When burned, toxic fumes and materials are created.

Disposing of MILWAUKEE Li-Ion Battery

MILWAUKEE Li-Ion batteries are more environmentally friendly than some other types of power tool batteries. Always dispose of your battery according to federal, state and local regulations. Contact a recycling agency in your area for recycling locations. Even discharged batteries contain some energy. Before disposing, use electrical tape to cover the terminals to prevent the battery from shorting, which could cause a fire or explosion.

RBRC Battery Recycling Seals

The RBRC™ Battery Recycling Seals (see "Symbolology") on your batteries indicate that MILWAUKEE has arranged for the recycling of that battery with the Rechargeable Battery Recycling Corporation (RBRC). At the end of your battery's useful life, return the battery to a MILWAUKEE Branch Office/Service Center or the participating retailer nearest you.

⚠WARNING Use and charge only REDLITHIUM® USB batteries in this USB rechargeable light. Other types of batteries may cause personal injury and damage.

Inserting the Battery

1. Unscrew the back cap.
2. Line up the arrow on the battery with the arrow on the battery end.
3. Press battery in until it clicks.
4. Screw on the back cap securely.

Charging the Battery

1. Plug the USB cable into a power source such as an AC wall adaptor, computer, or car port.
2. To expose the USB port, twist the ring to align the • with the . **NOTE:** Always close the USB cover when light is not charging to maintain dust and moisture protection.
3. Insert the micro USB plug into the micro USB port.
4. The indicator light will display the charging status:
 Red Pulsing: Charging, 0-49% charged
 Yellow Pulsing: Charging, 50-99% charged
 Green Solid: 100% Charged

If the indicator light flashes red and green, check that the battery is fully seated into the bay. Remove the battery and reinsert. If the flashlight starts to dim and the indicator light illuminates solid red, the tool may be too hot.

The solid red indicator light will stay on until the tool has cooled. Once the tool is within the acceptable range, normal charging and operation will take place. If problems persist, contact a MILWAUKEE service facility.

OPERATION

⚠CAUTION To reduce the risk of injury, do not stare at the operating light source.

To avoid damage/discoloration to surfaces due to high temperatures, do not set the light lens-down during use.

The Flashlight has a dual function power button . Press the button firmly (click) to turn the light on or off. To change between high and low mode, press the button firmly for about 1.5 seconds. The fuel gauge around the power button will display the battery life:

- Red Flashing: 0-3% remaining
- Red Solid: 3-10% remaining
- Yellow Solid: 11-49% remaining
- Green Solid: 50-100% remaining

MAINTENANCE

⚠WARNING To reduce the risk of injury, always unplug the charger and remove the battery pack from the charger or tool before performing any maintenance. Never disassemble the tool, battery pack or charger. Contact a MILWAUKEE service facility for ALL repairs.

Maintaining Tool

Keep the tool, battery pack and charger in good repair by adopting a regular maintenance program. Return the tool, battery pack, and charger to a MILWAUKEE service facility for repair.

Cleaning

Clean dust and debris from vents. Keep handles clean, dry and free of oil or grease. Use only mild soap and a damp cloth to clean, since certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia. Never use flammable or combustible solvents around tools.