



USB RECHARGEABLE PORTABLE POWER SOURCE AND CHARGER SOURCE D'ALIMENTATION PORTABLE RECHARGEABLE USB ET CHARGEUR USB RECARGABLE FUENTE DE ALIMENTACIÓN PORTÁTIL Y CARGADOR

IMPORTANT SAFETY INSTRUCTIONS

WARNING READ AND UNDERSTAND ALL INSTRUCTIONS. Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS

1. THIS MANUAL CONTAINS IMPORTANT SAFETY AND OPERATING INSTRUCTIONS FOR THE REDLITHIUM® USB CHARGER CAT. NO. 48-59-2012 AND BATTERY.
2. CHARGE ONLY REDLITHIUM® USB BATTERIES IN THE REDLITHIUM® USB CHARGER. OTHER TYPES OF BATTERIES MAY CAUSE PERSONAL INJURY AND DAMAGE.
3. BEFORE USING THE BATTERY AND CHARGER, READ THIS OPERATOR'S MANUAL, YOUR TOOL OPERATOR'S MANUAL, AND ALL LABELS ON THE BATTERY, CHARGER AND TOOL.
4. USE ONLY WITH LISTED/CERTIFIED ITE POWER SUPPLY. Others may result in a risk of fire, electric shock or personal injury.
5. 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.
6. 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.
7. 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.
8. 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.
9. TO REDUCE THE RISK OF ELECTRIC SHOCK, always unplug charger before cleaning or maintenance.
10. 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.
11. 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).
12. 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.
13. 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.
14. 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.
15. STORE YOUR BATTERY AND CHARGER 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.

READ AND SAVE ALL INSTRUCTIONS FOR FUTURE REFERENCE.

SPECIFICATIONS

Charger Cat. No.	48-59-2012
Input	5 V DC, 0.1 - 2.1 A
Charger Output	4 V DC, 2.1 A
USB Output	5 V DC, 2.1 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 140°F (-20°C to 60°C)
Power Supply Cat. No.	44-66-1215
Wall Plug Input Volts	120 AC

SYMBOLLOGY

- Volts
- Amps
- Direct Current
- Properly Recycle Batteries
- Read Operator's Manual
- Backfeed Protected

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 "Symbology") 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. For more information, visit the RBRC web site at www.rbrc.org.

CHARGER

WARNING Charge only REDLITHIUM® USB batteries in the REDLITHIUM® USB charger. Other types of batteries may cause personal injury and damage.

How to Charge the Battery Pack

1. Plug your USB cable into a power source such as an AC wall adaptor, computer or car port.
2. Insert the micro USB into the micro USB port.
3. Twist the charger cap and remove the cap.
4. Align the battery arrow with the charger arrow and insert the battery completely.
5. Line up the arrows on the cap with the battery holder and twist the cap to lock.
6. The indicator light will display:
 - Red Solid: Charging, 0-79% charged
 - Green Flashing: Charging, 80-99% charged
 - Green Solid: 100% Charged
 - Red/Green Flashing: Damaged or Faulty Battery

If the light indicator flashes red and green, check that the battery is fully seated into the bay. Remove the battery and reinsert. If the light continues to flash red and green, the battery may be extremely hot or cold, or wet. Allow the battery to cool down, warm up, or dry out and then reinsert. If the problem persists, contact a MILWAUKEE service facility.

Fuel Gauge

When the charger is unplugged and a battery is inserted, push the battery button to illuminate indicator light. This will display the current battery charge:

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

WARNING To reduce the risk of injury, always unplug the charger and remove the battery from the charger before performing any maintenance. The charger and battery have no internal serviceable parts. Never disassemble the battery or charger.

Maintenance and Storage

Store your charger in a cool, dry place. As a general practice, it is best to unplug battery chargers and remove batteries when not in use. No battery damage will occur, however, if the charger and battery are left plugged in.

WARNING To reduce the risk of injury and damage, never immerse your battery or charger in liquid or allow a liquid to flow inside them.

Cleaning

Clean out dust and debris from charger vents and electrical contacts by blowing with compressed air. Use only mild soap and a damp cloth to clean the battery and charger, keeping away from all electrical contacts. 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 batteries, charger, or tools.

Using the USB A Port

The USB A port can be used to charge a cell phone, or other personal device that is in compliance with the USB Standard. To turn on the USB, press the battery button. The USB A port will remain on until it fully charges the device before turning off automatically.

NOTE: USB A Port (for device charging) is shut down when the battery is charging.

SERVICE - UNITED STATES

1-800-SAWDUST (1.800.729.3878)
Monday-Friday, 7:00 AM - 6:30 PM CST
or visit www.milwaukeetool.com

Contact Corporate After Sales Service Technical Support with technical, service/repair, or warranty questions.

Email: metproductsupport@milwaukeetool.com

Become a Heavy Duty Club Member at www.milwaukeetool.com to receive important notifications regarding your tool purchases.

SERVICE - CANADA

Milwaukee Tool (Canada) Ltd
1.800.268.4015
Monday-Friday, 7:00 AM - 4:30 PM CST
or visit www.milwaukeetool.ca

LIMITED WARRANTY - USA & CANADA

Every MILWAUKEE REDLITHIUM USB battery and charger* is warranted to the original purchaser only to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace repair a REDLITHIUM USB battery or charger which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for a period of two (2) years after the date of purchase unless otherwise noted. Return of the REDLITHIUM USB battery or charger to a MILWAUKEE factory Service Center location or MILWAUKEE Authorized Service Station, freight prepaid and insured, is required. For the proper shipping procedure of battery packs, contact 1.800.SAWDUST (1.800.729.3878), or go to www.milwaukeetool.com. A copy of the proof of purchase should be included with the return product. This warranty does not apply to damage that MILWAUKEE determines to be from repairs made or attempted by anyone other than MILWAUKEE authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of maintenance, or accidents.

Normal Wear: This warranty does not cover repair or replacement when normal use has exhausted the life of a part including, but not limited to charging cables, and wall plugs.

*This warranty does not cover any cordless product sold with the REDLITHIUM USB battery and/or charger. There are separate and distinct warranties available for these products. ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY MILWAUKEE PRODUCT. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT. IN NO EVENT SHALL MILWAUKEE BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS, ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO, FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, WRITTEN OR ORAL. TO THE EXTENT PERMITTED BY LAW, MILWAUKEE DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE; TO THE EXTENT SUCH DISCLAIMER IS NOT PERMITTED BY LAW, SUCH IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THE APPLICABLE EXPRESS WARRANTY AS DESCRIBED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

This warranty applies to product sold in the U.S.A. and Canada only. Please consult the Find a Service Center Search in the Parts & Service section of MILWAUKEE's website www.milwaukeetool.com or call 1.800.SAWDUST (1.800.729.3878) to locate your nearest MILWAUKEE factory Service Center location.

RÈGLES IMPORTANTES DE SECURITE

AVERTISSEMENT LIRE ET COMPRENDRE TOUTES LES INSTRUCTIONS. Le non-respect des instructions ci-après peut entraîner des chocs électriques, des incendies et/ou des blessures graves.

CONSERVER CES INSTRUCTIONS

1. CE MANUEL CONTIENT DES CONSIGNES DE SÉCURITÉ ET LE MODE D'EMPLOI DU BLOC-PILES REDLITHIUM® AVEC CHARGEUR USB CAT. NO 48-59-2012.
2. CHARGEZ UNIQUEMENT LE BLOC-PILES REDLITHIUM® USB AVEC LE CHARGEUR USB REDLITHIUM®. LES PILES D'AUTRES TYPES PEUVENT CAUSER DES DOMMAGES ET DES BLESSURES.
3. AVANT D'UTILISER LE BLOC-PILES ET LE CHARGEUR, LIRE LE PRÉSENT MANUEL D'UTILISATION, LE MANUEL D'UTILISATION DE VOTRE OUTIL, AINSI QUE TOUTES LES ÉTIQUETTES SE TROUVANT SUR LE BLOC-PILES, LE CHARGEUR ET L'OUTIL.
4. UTILISER UNIQUEMENT UNE ALIMENTATION ÉLECTRIQUE RÉPERTORIÉE ET CERTIFIÉE ITE. L'utilisation d'autres alimentations peut causer un risque d'incendie, de choc électrique ou de blessure.
5. ÉVITER LES ENVIRONNEMENTS DANGEREUX. Ne pas charger le bloc-piles sous la pluie, la neige, dans un endroit humide ou mouillé. Ne pas utiliser le bloc-piles ou le chargeur dans un endroit propice à la présence de matières explosives (fumées gazeuses, poussières ou matériaux inflammables) car l'insertion ou le retrait du bloc-piles pourrait alors créer des étincelles et entraîner un incendie.
6. CHARGER DANS UN ENDROIT BIEN VENTILÉ. Ne pas bloquer les orifices d'aération du chargeur. S'assurer qu'ils ne sont pas obstrués afin de permettre une ventilation appropriée. Ne pas fumer ou utiliser des flammes nues à proximité d'un bloc-piles en charge. Les gaz ventilés peuvent exploser.
7. ENTREtenir LE CORDON DU CHARGEUR. Pour le débranchement du chargeur, tirer sur la fiche plutôt que sur le cordon pour réduire le risque de dommages à la prise ou au cordon électrique. Ne jamais transporter le chargeur par son cordon. Garder le cordon à l'écart de la chaleur, de l'huile et des objets tranchants. S'assurer que le cordon n'est pas piétiné, accroché, endommagé ou malmené. Ne pas utiliser le chargeur si le cordon ou la fiche est endommagé(e). Remplacer immédiatement le chargeur s'il est endommagé.
8. UTILISER EXCLUSIVEMENT LES ACCESSOIRES RECOMMANDÉS. L'utilisation d'un accessoire non recommandé ou vendu par le fabricant du chargeur ou du bloc-piles peut causer un risque d'incendie, de choc électrique ou de blessure.
9. POUR RÉDUIRE LE RISQUE DE CHOC ÉLECTRIQUE, toujours débrancher le chargeur avant de procéder à un nettoyage ou un entretien.
10. NE PAS BRÛLER OU INCINÉRER LES BLOC-PILES. Les bloc-piles peuvent exploser, causant des dommages et des blessures. Des fumées et des matières toxiques se dégagent des blocs-piles lorsqu'ils sont brûlés.
11. NE PAS ÉCRASER, LAISSER TOMBER OU ENDOMMAGER LE BLOC-PILES. Ne pas utiliser un bloc-piles ou un chargeur qui a reçu un choc violent, est tombé ou a été écrasé ou endommagé de quelque façon que ce soit (p. ex., percé par un clou, frappé d'un coup de marteau, piétiné).
12. NE PAS DÉSASSEMBLER LE PRODUIT. Un remontage incorrect peut entraîner des risques de choc électrique, d'incendie ou d'exposition à des produits toxiques. En cas de dommage, confier le produit à un centre de service MILWAUKEE.
13. LES PRODUITS CHIMIQUES DES BLOC-PILES PROVOQUENT DES BRÛLURES GRAVES. Éviter tout contact avec la peau, les yeux ou la bouche. Si des produits chimiques fuient d'un bloc-piles endommagé, porter des gants de caoutchouc ou en néoprène pour le manipuler. Si la peau est exposée à du liquide du bloc-piles, laver à l'eau et au savon et rincer avec du vinaigre. Si les yeux sont exposés aux produits chimiques d'un bloc-piles, immédiatement rincer abondamment à l'eau pendant 20 minutes et consulter un médecin. Retirer et jeter au rebut les vêtements contaminés.
14. ATTENTION AUX COURTS-CIRCUITS! Un bloc-piles court-circuité si un objet métallique établit une connexion entre les contacts positifs et négatifs sur le bloc-piles. Ne placez pas un bloc-piles près de tout ce qui peut causer un court-circuit, comme des pièces de monnaie, des clés ou des clous dans votre poche. Ne pas laisser les fluides s'écouler dans le bloc-piles. Les fluides corrosifs ou conducteurs, tels que l'eau de mer, certains produits chimiques industriels, les produits de blanchiment ou de blanchiment, etc., peuvent provoquer un court-circuit. Un bloc-batterie court-circuité peut provoquer des incendies, des blessures corporelles et des dommages au produit.
15. ENTREPOSER VOTRE BLOC-PILES ET CHARGEUR dans un endroit frais et sec. Ne pas entreposer le bloc-piles dans des endroits où la température peut dépasser 50 °C (120 °F), par exemple, un endroit exposé directement à la lumière du soleil, un véhicule ou une construction en métal pendant l'été.

LIRE ET CONSERVER TOUTES LES INSTRUCTIONS POUR RÉFÉRENCE FUTURE.

SPÉCIFICATIONS

Cat. de chargeur No	48-59-2012
Entrée	5 V CD, 0.1 - 2.1 A
Sortie Chargeur	4 V CD, 2.1 A
Sortie USB	5 V CD, 2.1 A
REDLITHIUM® Bloc-piles USB	
Tension	4 CD
Température de fonctionnement	
Bloc-piles et chargeur	4°C à 40°C (40°F à 104°F)
Bloc-piles et outil	-20°C à 60°C (0°F à 140°F)
Cat. de suministro de energia No	44-66-1215
Tension d'entrée de prise murale	120 CA

PICTOGRAPHIE

- Volts
- Ampères
- Courant direct
- Recyclage correct des batteries
- Lisez le manuel de l'opérateur
- BFP Rétro-alimentation protégée

BLOC-PILES

AVERTISSEMENT Pour réduire le risque d'incendie, de blessures corporelles et de dommages causés par un court-circuit, ne jamais immerger l'outil, le bloc-piles ou le chargeur dans un liquide ou laisser couler un fluide à l'intérieur de celui-ci. Les fluides corrosifs ou conducteurs, tels que l'eau de mer, certains produits chimiques industriels, les produits de blanchiment ou de blanchiment, etc., peuvent provoquer un court-circuit.

Entretien et entreposage

Ne pas exposer votre bloc-piles ni vos outils sans fil à l'eau ou la pluie, ou les laisser prendre l'humidité. Cela pourrait endommager l'outil et le bloc-piles. Ne pas utiliser d'huile ou solvants pour nettoyer ou lubrifier votre bloc-piles. Le boîtier du bloc-piles risque de devenir cassant ou de se fendiller, causant un risque de blessure. Entreposer les blocs-piles à température ambiante à l'abri de l'humidité. Ne pas les entreposer dans un endroit humide où la corrosion des bornes peut survenir. Comme pour d'autres types de batteries, une perte permanente de capacité peut survenir si le bloc-piles est entreposé pendant longtemps à haute température (48°C/120°F). Les piles Li-Ion MILWAUKEE maintiennent leur charge pendant plus longtemps que les autres types de piles. Après un an d'entreposage, rechargez le bloc-piles comme d'habitude.

