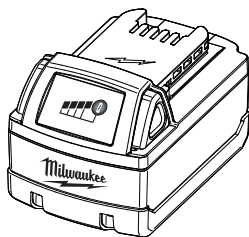
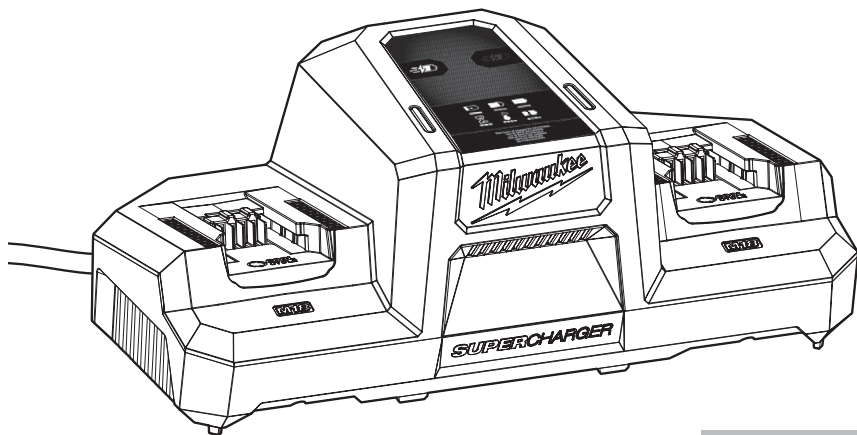




OPERATOR'S MANUAL



New batteries must be charged before first use.

Cat. No.
M18 DBSC

M18™ DUAL BAY SUPER CHARGER
M18™ LITHIUM-ION BATTERY PACKS



WARNING



To reduce the risk of injury, user must read and understand operator's manual.

IMPORTANT SAFETY INSTRUCTIONS

- SAVE THESE INSTRUCTIONS -

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

- 1. SAVE THESE INSTRUCTIONS** - This manual contains important safety and operating instructions for the **MILWAUKEE®** Li-Ion charger and **MILWAUKEE®** Li-Ion batteries.
- 2. Before using the battery pack and charger, read this operator's manual, machine's operator's manual, and all labels on the battery pack, charger and tool.**
- 3. CAUTION** Use **MILWAUKEE®** Li-Ion battery packs only on recommended **MILWAUKEE®** Li-Ion products. Do not use counterfeit, aftermarket, or "knockoff" batteries or chargers. Do not wire a battery pack to a power supply plug or car cigarette lighter.
- 4.** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- 5. Avoid dangerous environments.** Do not charge battery pack in rain, snow, damp or wet locations. Do not use battery pack or charger in the presence of explosive atmospheres (gaseous fumes, dust or flammable materials) because sparks may be generated when inserting or removing battery pack, 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 pack. Vented gases may explode.
- 7. Maintain charger cord.** When unplugging charger, pull plug rather than 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. DO NOT USE AN EXTENSION CORD UNLESS IT IS ABSOLUTELY NECESSARY.** Using the wrong, damaged or improperly wired extension cord could result in the risk of fire and electrical shock causing fire.
- 9.** If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 10. Charger is rated for 220 - 240 Volt AC only.** Charger must be plugged into an appropriate outlet.
- 11. Use only attachments recommended by the battery/charger manufacturer.**
- 12. Unplug charger and remove battery packs when not in use.**
- 13. Always unplug charger before cleaning or maintenance.** Do not allow water to flow into charger or battery. Use a Residual Current Device (RCD) to reduce shock hazards.
- 14. Do not burn or incinerate batteries.** Batteries may explode. Toxic fumes and materials are created when batteries are burned.
- 15. Do not crush, drop, or damage battery pack. Always securely contain battery packs during transport.** Do not use a battery pack 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, in a vehicle accident). Do not use or charge batteries that appear damaged or swollen, or are not functioning properly.
- 16. Do not disassemble battery pack or charger.** If it is damaged, take it to a **MILWAUKEE®** service facility.
- 17. Battery chemicals cause serious burns.** Never allow contact with skin, eyes, or mouth. If a damaged battery pack 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.
- 18. Do not short circuit.** A short-circuited battery pack may cause fire, personal injury, and product damage. 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.
- 19. Do not allow fluids to flow into battery pack.** Corrosive or conductive fluids, such as sea water, certain industrial chemicals, and bleach or bleach containing products, etc., can cause a short circuit. Do not use battery packs that have been exposed to these types of fluids.
- 20. Store your battery pack and charger** in a cool, dry place. Do not store battery pack where temperatures may exceed 50°C (120°F) such as in direct sunlight, a vehicle or metal building during the summer.
- 21. Battery packs marked as resistant** are suitable for environments where incidental contact or exposure to oils, greases, and solvents can occur. These packs are not resistant to acids or other corrosive chemicals. Never immerse or allow fluids to penetrate the battery pack.
- 22. Maintain labels and nameplates. These carry important information.** If unreadable or missing, contact a **MILWAUKEE®** service facility for a replacement.

ADDITIONAL BATTERY SAFETY RULES

⚠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.

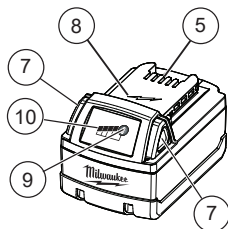
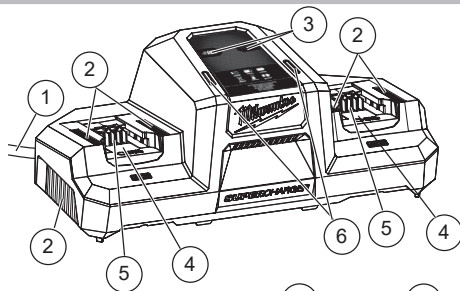
⚠WARNING Do not charge non-rechargeable batteries.

SPECIFICATIONS


Charger Cat. No. **M18 DBSC**
 Input Volts..... 220 - 240 V AC
 Max Input Watts..... 470 W AC
 Output Volts..... 18 V DC
 Max Output Amps..... 18 A DC
 Recommended Ambient Charging Temperature..... 4°C to 40°C
M18™ Li-Ion Battery Packs 18 V DC

Battery Cat. No.	Cell type	Capacity
M18B2	Li-Ion	1.5 Ah
M18B4	Li-Ion	4.0 Ah
M18B5	Li-Ion	5.0 Ah
M18HB3	Li-Ion	3.0 Ah
M18HB6	Li-Ion	6.0 Ah
M18HB8	Li-Ion	8.0 Ah
M18HB12	Li-Ion	12.0 Ah
M18FB6	Li-Ion	6.0 Ah


FUNCTIONAL DESCRIPTION





1. Cord
2. COOL-CYCLE™ vents
3. CHARGE ADAPT™ light indicators:


 Solid white:
Super charging


4. Bays
5. Battery contacts
6. Charge light indicators


 Continuous red:
Charging

 Slow flashing green:
Approaching full charge

 Continuous green:
Charging is complete

 Fast flashing red:
Battery is too hot/cold - Charging will begin when battery reaches correct charging temperature

 Slow flashing red:
Charger is too hot/cold - Charging will begin when charger reaches correct charging temperature


 Flashing red/green:
Damaged or faulty battery pack or charger
Slowly pulsing red while no battery pack inserted:
COOL-CYCLE™ fan is damaged.

7. Release buttons
8. Rapid charge-capable pack indicator
9. Fuel gauge button
10. Fuel gauge

SYMBOLLOGY

V Volts

 Direct Current

 Alternating Current

A Amps

W Watts

Hz Hertz



Read Operator's Manual



Double Insulated



This charger is only suitable for indoor use. Never expose the charger to rain.



Regulatory Compliance Mark (RCM). This product meets applicable regulatory requirements.

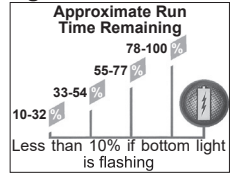


Do not dispose of electric tools together with household waste material. Electric tools and electronic equipment that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

M18™ LI-ION BATTERY PACKS

Fuel Gauge

Use the fuel gauge to determine the battery pack's remaining runtime. Press the fuel gauge button to display the lights. The fuel gauge will light up for 2-3 seconds. When less than 10% of charge is left, 1 light on the fuel gauge will flash slowly.



NOTE: If the fuel gauge doesn't appear to be working, place the battery pack on the charger and charge as needed.

Compared to NiCd battery pack types, MILWAUKEE® Li-Ion battery packs deliver fade-free power for their entire runtime. The tool will not experience a slow, gradual loss of power as you work. To signal the end of discharge, 1 light on the fuel gauge will flash quickly for 2-3 seconds and the tool will not run. Charge the battery pack.

NOTE: Immediately after using the battery pack, the fuel gauge may display a lower charge than it will if checked a few minutes later. The battery cells "recover" some of their charge after resting.

Battery Pack Protection

To protect itself from damage and extend its life, the battery pack's intelligent circuit monitors current draw and temperature. In extremely high torque, binding, stalling, and short circuit situations, the battery pack will turn OFF the product if the current draw becomes too high. The fuel gauge will flash. Release the trigger, wait for the fuel gauge to stop flashing, and then restart.

Under extreme circumstances, the internal temperature of the battery could become too high. If this happens, the fuel gauge lights will flash in an alternating pattern and the tool will not run. Allow the battery to cool down.

Fuel Gauge Lights	Diagnosis	Solution
Lights 1 - 4 Solid	Normal condition	NA
1 Light, flashing slowly	Less than 10% runtime left	Prepare to charge pack
1 Light, flashing quickly	End of discharge	Charge pack
Lights 1-4, flashing quickly	Current draw too high	Stop using device, allow 5 mins and restart
Lights 1&3 / 2&4, flashing alternately	Battery temperature too high	Allow battery to cool

Cold Weather Operation

MILWAUKEE® Li-Ion battery packs are designed to operate in temperatures below freezing. When the battery pack is too cold, it may need to warm up before normal use. Put the battery on a product and use the product in a light application.

⚠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.

SUPER CHARGER

⚠WARNING Charge only MILWAUKEE® M18™ Li-Ion batteries in this MILWAUKEE® Li-Ion charger. Other types of batteries may cause personal injury and damage.

When to Charge the Battery Pack with this MILWAUKEE® Charger

Remove the battery pack from the tool for charging when convenient. MILWAUKEE® batteries do not develop a "memory" when charged after only a partial discharge. It is not necessary to run down the battery pack before placing it on the charger.

- Use the fuel gauge to determine when to charge your MILWAUKEE® Li-Ion battery pack.
- You can "Top-Off" your battery pack's charge before starting a big job or long day of use.
- The only time it is necessary to charge the MILWAUKEE® Li-Ion battery pack is when the battery pack has reached the end of its charge. To signal the end of charge, power to the tool will drop quickly, allowing you just enough power to finish making a cut, drilling a hole, or driving a fastener. Charge the battery pack as needed.

How to Charge the Battery Pack

Align the battery pack with the bay and slide the battery pack into the charger as far as possible. The COOL-CYCLE™ fans will turn on. The red light will come on, either flashing quickly (battery pack is too hot or cold), flashing slowly (battery pack is waiting for another pack to finish charging) or continuous (pack is charging).

- A fully discharged battery pack with an internal temperature in the normal range will charge in about 15 to 130 minutes, depending on the battery pack and internal temperature of the charger.
- Heavily cycled batteries may take longer to charge completely.
- Super charge occurs when the battery pack is charging above 9 A. The CHARGE ADAPT™ light indicator will illuminate when a battery pack is super charging. If charging two battery packs capable of 12 amp charging, the charger will charge the first pack at 12 A, and the second battery pack will charge at 6 A. Once the first battery pack is fully charged (charge indicator light is solid green), the second battery pack will charge at up to 18 A until it's fully charged.

- The fuel gauge lights on 18V battery packs are displayed as the pack is being charged, indicating how fully charged the pack is. The fuel gauge will turn off when charging is complete.
- After charging is complete, the continuous green light will come on.
- If the light indicator flashes red and green, check that the battery pack is fully seated into the bay. Remove the battery pack and reinsert. If the light continues to flash red and green, remove pack(s) and unplug charger for at least 2 minutes. After 2 minutes, plug charger back in and insert pack. If the problem persists, contact a MILWAUKEE® service facility.
- If the light indicator does not come on, check that the battery pack is fully seated into the bay. Remove the battery pack and reinsert. If the light indicator still does not come on, remove pack(s) and unplug charger for at least 2 minutes. After 2 minutes, plug charger back in and insert pack. If after these attempts the light indicator still does not come on, contact a MILWAUKEE® service facility.
- If the light indicator double blinks red slowly (while no pack is inserted), one or more fans are damaged. The battery pack will not cool while charging, and will charge at a reduced rate. Contact a MILWAUKEE® service facility.

Charging a Hot or Cold Battery Pack

The red flashing indicator light on the charger indicates that the battery pack temperature is outside the charging range. Once the battery pack is within the acceptable range, normal charging will take place and the red light will be continuous. Hot or cold batteries may take longer to charge.

Battery Pack Temperature	Red Charger Indicator Light	Charging Status
Too hot	Fast flashing	Not charging
Normal range	Continuous	Normal charging
Too cold	Fast flashing	Not charging

COOL-CYCLE™ Fans

- The COOL-CYCLE™ charger is designed to cool the battery packs while charging.
- For best results, COOL-CYCLE™ capabilities are best paired with COOL-CYCLE™ capable battery packs.
- COOL-CYCLE™ batteries include: M18 FB6, M18 FB8 and M18 FB12.
- Once battery pack is inserted, the COOL-CYCLE™ fans will turn on and may continue cooling the battery pack after it is charged.
- The COOL-CYCLE™ fans may not turn on or spin slower if the battery pack is cool.
- Some older battery packs may cause fans to run continuously. This is normal and will not damage the battery pack or charger.
- If the charge light indicators slowly pulse red with no battery pack installed, the COOL-CYCLE™ fan is damaged, contact a MILWAUKEE® service facility.

Powering the Charger with an Inverter or Generator

The charger will operate with most 220-240 V generators and inverters rated at 500 Watts or higher.

Mounting to the Wall

Use the wall mount guides to mark the hanging points.

MAINTENANCE

⚠WARNING To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse a 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.

Always unplug the charger and remove the battery from the charger before performing any maintenance. Never disassemble the battery or charger. Contact a **MILWAUKEE®** service facility for ALL repairs.

Cleaning

Do not expose battery packs, chargers or tools to fluids, water, or rain, or allow them to get wet. This could damage the tool, charger, and/or battery pack. Clean out dust and debris from tool, charger and battery vents and electrical contacts by vacuuming or brushing. Clean housings with a damp, soapy cloth, keeping away from all electrical contacts. Certain cleaners and solvents, such as petrol, turpentine, lacquer thinner, paint thinner, bleach, chlorinated cleaning solvents, ammonia and household detergents containing ammonia, are harmful to plastics and other insulated parts; plastic casings will become brittle and crack. Never use flammable or combustible solvents around batteries, charger, or tools.

Storage

Store your charger in a cool, dry place. As a general practice, it is best to unplug chargers and remove battery packs when not in use, however, no damage to the battery pack will occur. Store at room temperature away from moisture. Store batteries upright. Do not store in damp locations where corrosion of terminals may occur. Storing in high temperatures (over 50°C) for long periods can result in permanent capacity loss for any battery. Charge before use after storing for long periods.

Repairs

The charger has no serviceable parts.

WARRANTY - AUSTRALIA and NEW ZEALAND

Please refer to Australian and New Zealand warranty supplied with tool. This warranty applies only to product sold by authorised dealers in Australia and New Zealand.

SERVICE - AUSTRALIA and NEW ZEALAND

MILWAUKEE[®] prides itself in producing a premium quality product that is Nothing But Heavy Duty™. Your satisfaction with our products is very important to us! If you encounter any problems with the operation of this tool, please contact your authorised *MILWAUKEE*[®] dealer.

For a list of *MILWAUKEE*[®] dealers, guarantee or service agents please contact *MILWAUKEE*[®] Customer Service or visit our website.

(Australia Toll Free Telephone Number 1300 645 928)

(New Zealand Toll Free Telephone Number 0800 645 928)

or visit milwaukeetool.com.au/milwaukeetool.co.nz.

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