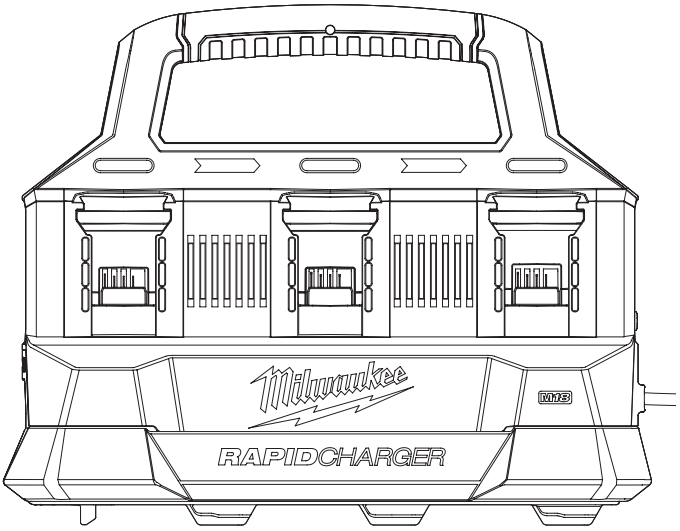
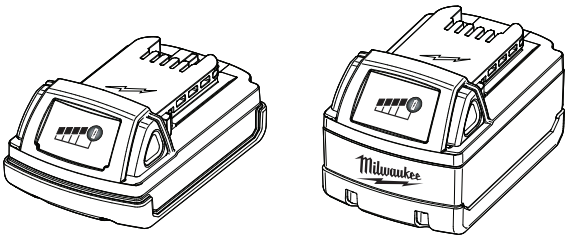
OPERATOR'S MANUAL



New batteries must be charged before first use.



Cat. No.
M18 PC6

M18™ 6 BAY PACKOUT™ RAPID CHARGER
M18™ LI-ION BATTERY PACKS

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

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE 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.

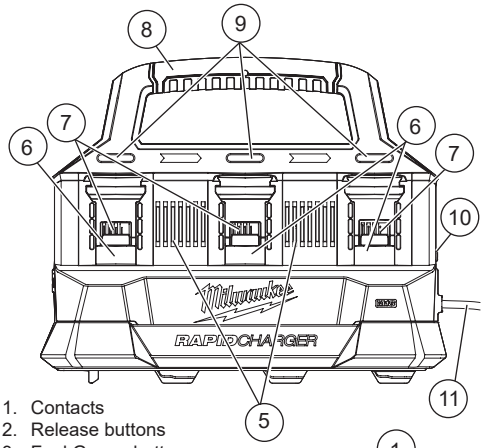
1. ***SAVE THESE INSTRUCTIONS*** **- These instructions contains important safety and operating instructions for this *MILWAUKEE*® Li-Ion charger and *MILWAUKEE*® Li-Ion battery packs.**
2. **Before using the battery pack and charger, read this operator's manual, your tool's operator's manual, and all labels on the battery pack, charger and tool.**
3. **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.**
4. **Children should be supervised to ensure that they do not play with the appliance.**
5. **⚠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.
6. **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.
7. **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.
8. **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.
9. **Avoid using an extension cord when possible.** Make sure that the extension cord is in good electrical condition.
10. **Use only recommended attachments.**
11. **Unplug charger and remove battery packs** when not in use.
12. **Always unplug charger before cleaning or maintenance.** Use a residual current device (RCD) protected supply to reduce shock hazards.
13. **Do not burn or incinerate batteries.** Batteries may explode. Toxic fumes and materials are created when batteries are burned.
14. **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).
15. **Do not disassemble battery pack or charger.** If it is damaged, take it to a ***MILWAUKEE***® service facility.
16. **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.
17. **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.
18. **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.
19. **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.
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. **Always use a side handle when using a battery pack 6.0 Ah or above;** the output torque of some tools may increase. If your drill/driver did not come with a side handle, visit milwaukeetool.com.au/milwaukeetool.co.nz for the appropriate accessory handle.

ADDITIONAL BATTERY SAFETY RULES

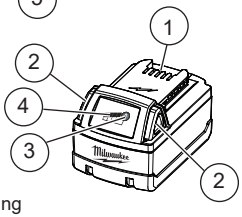
⚠WARNING To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your tool, battery pack or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach-containing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

⚠WARNING Do not charge non-rechargeable batteries.

FUNCTIONAL DESCRIPTION



1. Contacts
2. Release buttons
3. Fuel Gauge button
4. Fuel Gauge
5. Vents
6. Bays
7. Electrical contacts
8. Handle
9. Light indicators:



Continuous red: Charging

Continuous green light: Charging is complete

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

Slow flashing red: Battery charge is pending - Charging will begin when the first pack is fully charged.

Flashing red/green: Damaged or faulty battery pack

10. USB charger
11. Cord

SPECIFICATIONS

Cat. No. M18 PC6
Input Volts..... 100 - 240V AC
Max Input Amps..... 5.5 A
Output Volts.....18V DC
Max Output Amps ..... 6A DC
Recommended Ambient
Charging Temperature..... 5°C to 40°C
M18™ Li-Ion Battery Packs..... 18V DC

Type	Rated voltage	Rated capacity	Cell type	Cell number
M18HB3	18V	≤3.0 Ah	Li-ion	5
M18B5	18V	≤5.0 Ah	Li-ion	10
M18HB8	18V	≤8.0 Ah	Li-ion	10
M18HB12	18V	≤12.0 Ah	Li-ion	15
M18B2	18V	≤2.0 Ah	Li-ion	5
M18B4	18V	≤4.0 Ah	Li-ion	10
M18HB6	18V	≤6.0 Ah	Li-ion	10

SYMBOLOGY

V — Volts

Direct Current

Alternating Current

Double Insulated

Hz — Hertz

A — Amps

Read Operator's Manual

Indoor use

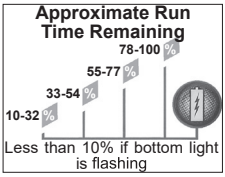
T5.0A — Time-lag fuse 5.0 A

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 tool if the current draw becomes too high. All the fuel gauge lights will flash. Release the trigger and 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	Remaining runtime	Continue working
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	Release trigger and restart, reduce pressure
Lights 1&3 / 2&4, flashing alternatingly	Battery temperature too high	Release trigger and 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 tool and use the tool in a light application. It may "buzz" for a short time until it warms up. When the buzzing stops, use the tool normally.

⚠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 pack or cordless tools to water or rain, or allow them to get wet. This could damage the tool and battery pack. Do not use oil or solvents to clean or lubricate your battery pack. The plastic casing will become brittle and crack, causing a risk of injury.

Store battery packs at room temperature away from moisture. Do not store in damp locations where corrosion of terminals may occur. As with other battery pack types, permanent capacity loss can result if the pack is stored for long periods of time at high temperatures (over 50°C). *MILWAUKEE*® Li-Ion battery packs maintain their charge during storage longer than other battery pack types. After about a year of storage, charge the pack 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 Packs

MILWAUKEE® Li-Ion battery packs are more environmentally friendly than some other types of power tool battery packs (e.g., nickel-cadmium). Always dispose of your battery pack according to federal, state and local regulations. Contact a recycling agency in your area for recycling locations.

Even discharged battery packs contain some energy. Before disposing, use electrical tape to cover the terminals to prevent the battery pack from shorting, which could cause a fire or explosion.

6 BAY PACKOUT™ RAPID 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 for you and your job. *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 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).

- The product can charge two batteries at a time, one on each side of the charger. It will then charge any other attached batteries in sequence in a clockwise rotation.
- A fully discharged battery pack with an internal temperature in the normal range will charge in about 25 to 130 minutes, depending on the battery pack.
- Heavily cycled batteries may take longer to charge completely.
- 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.
- The charger will keep the battery pack fully charged if it is left on the charger. The light indicator will flash green during this maintenance charging.
- 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.

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

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.

USB Power Outlet

This outlet can be used to charge a cell phone, power an MP3 player or any other device that uses less than 2.1 A of DC electrical current.

NOTE: Any device that uses more than 2.1 A of DC electrical current will trip a self-resetting overload and disable the output.

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 pack damage will occur, however, if the charger and battery pack are left plugged in.

Repairs

The charger has no serviceable parts.

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.

⚠WARNING To reduce the risk of injury, 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.

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 pack 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 petrol, 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.

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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