Milwaukee®

Nothing but **HEAVY DUTY.**™

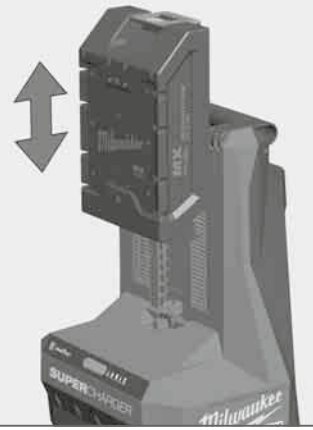


MXF SC

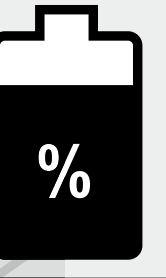
Original instructions

МАГАЗИН БАШ МАСТОРА® профессиональные решения

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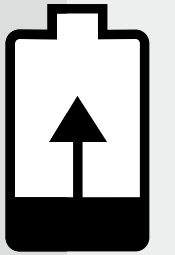
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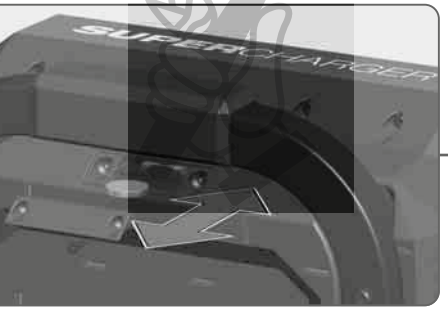


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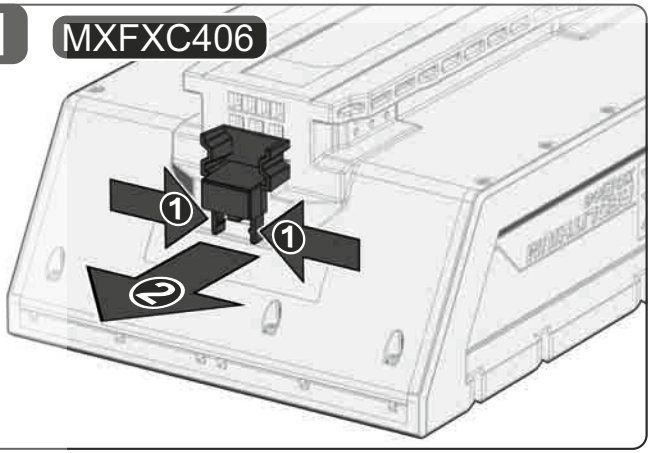
12 Text section with Technical Data, important Safety and Working Hints and description of Symbols

Магазин башмастора® профессиональные решения

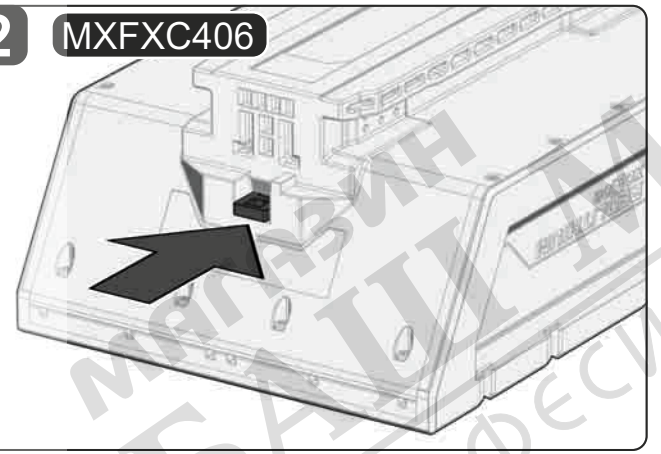


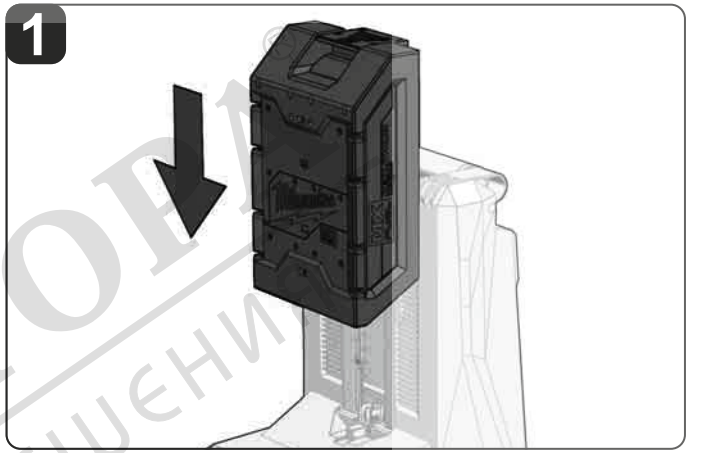
For battery MXFXC406 before first use remove the transport lock and push in the slide.

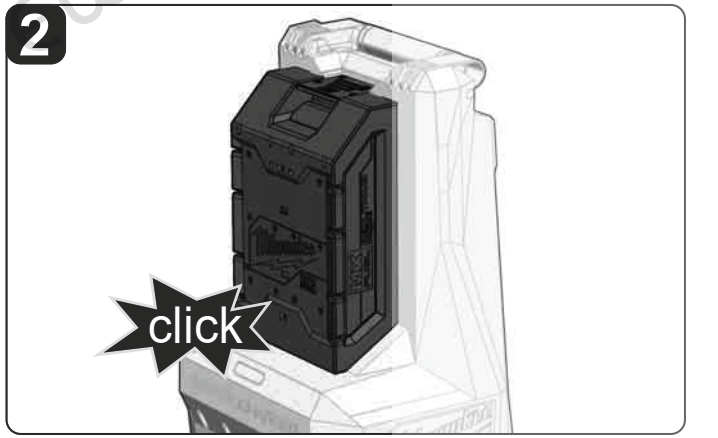
1 MXFXC406

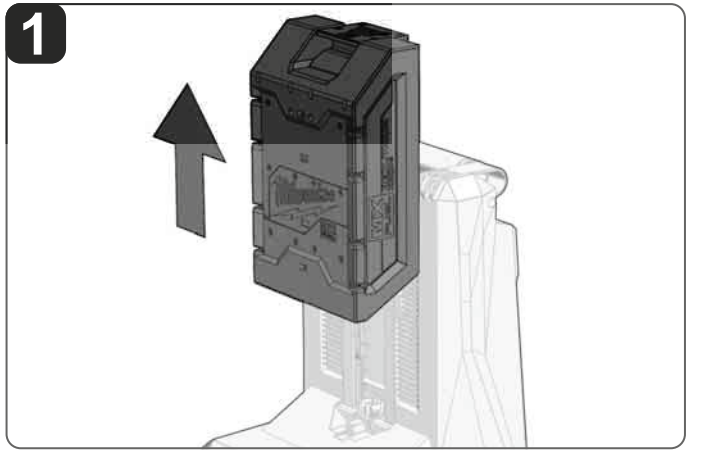


2 MXFXC406



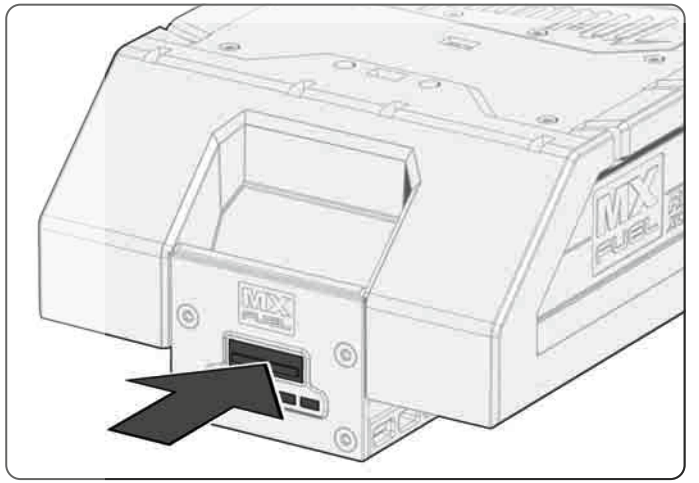


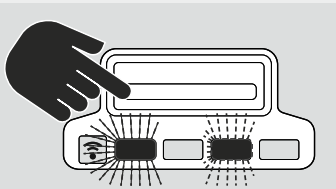




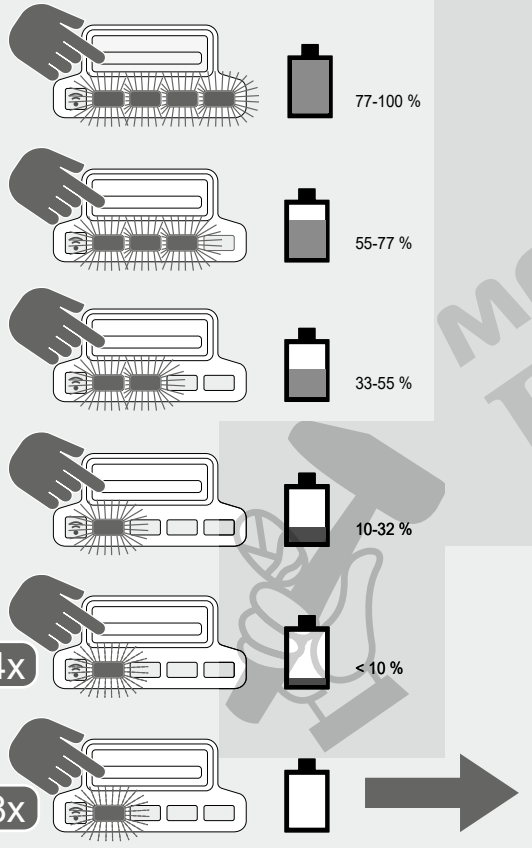
МАГАЗИН БАШ МАЙСТОРА ПРОФЕСИОНАЛНИ РЕШЕНИЯ

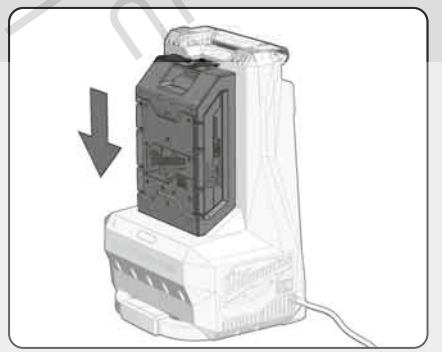
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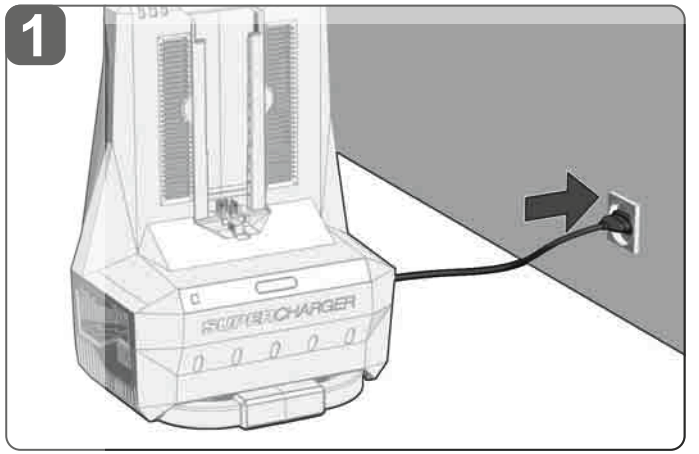


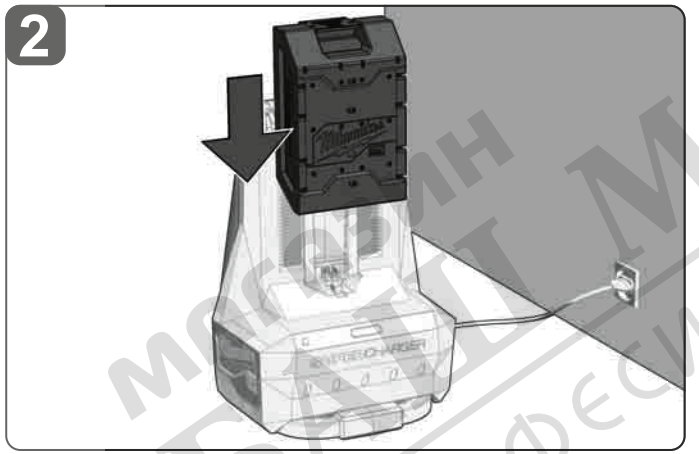
An alternating blinking pattern indicates that an error or overtemperature state was encountered. Allow the battery pack to cool and reinsert. If the pattern continues, contact a MILWAUKEE service facility.

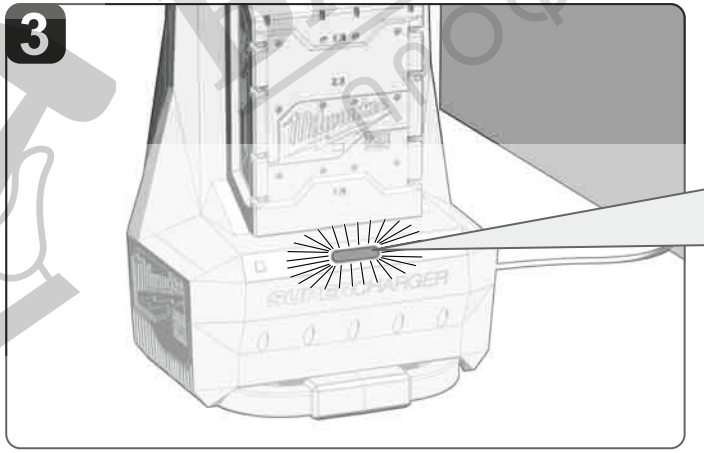


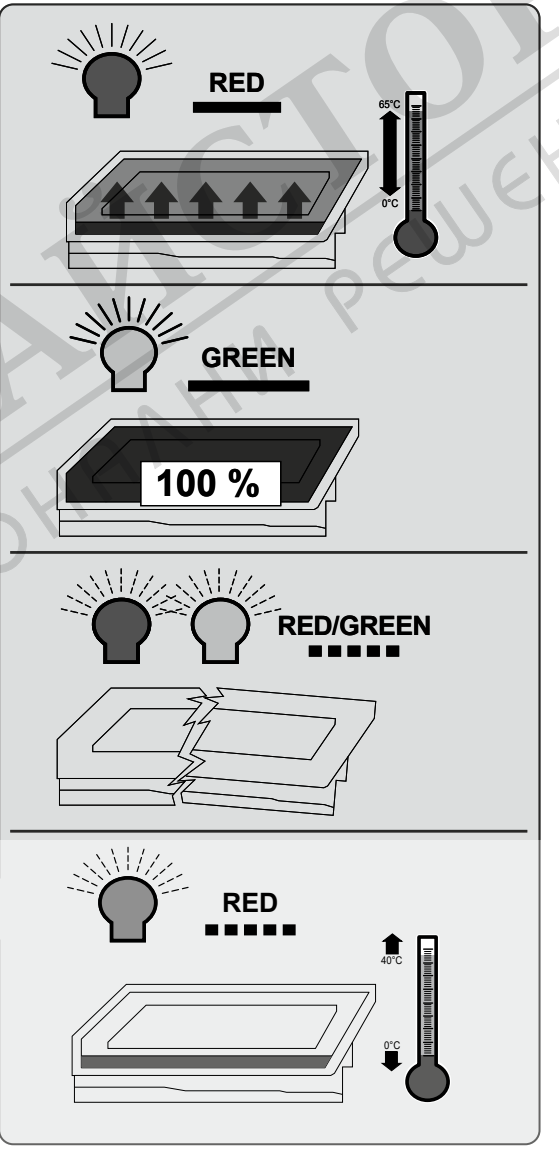


магазин БАШ МАЙСТОРА® ПРОФЕСИОНАЛНИ РЕШЕНИЯ





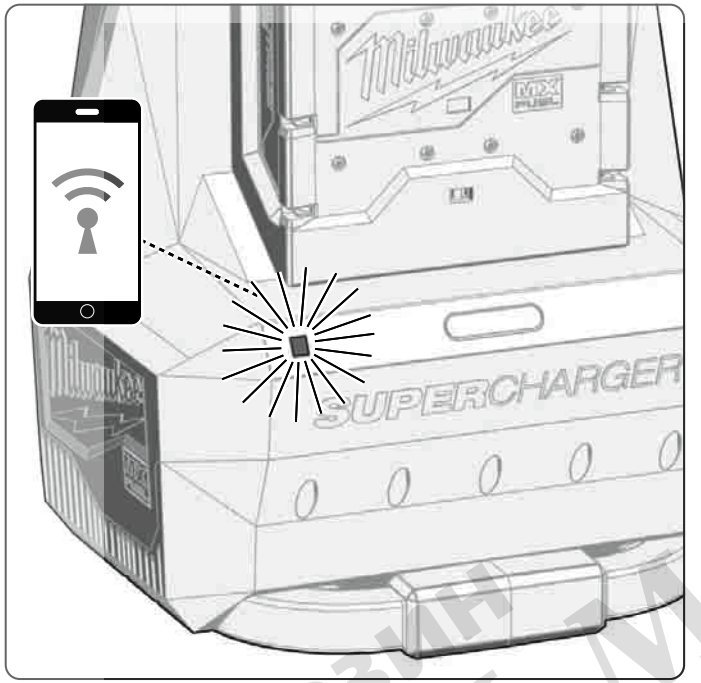


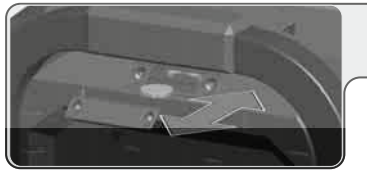


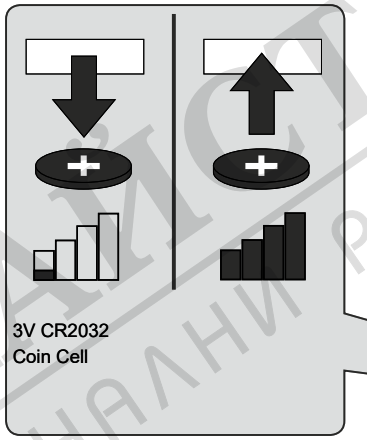
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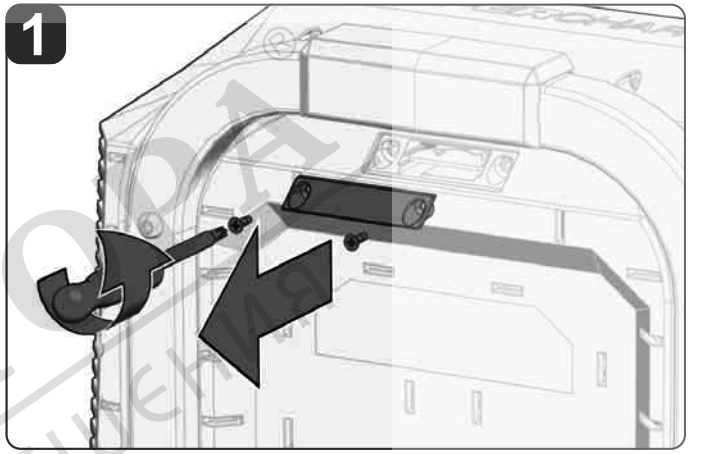
ONE-KEY

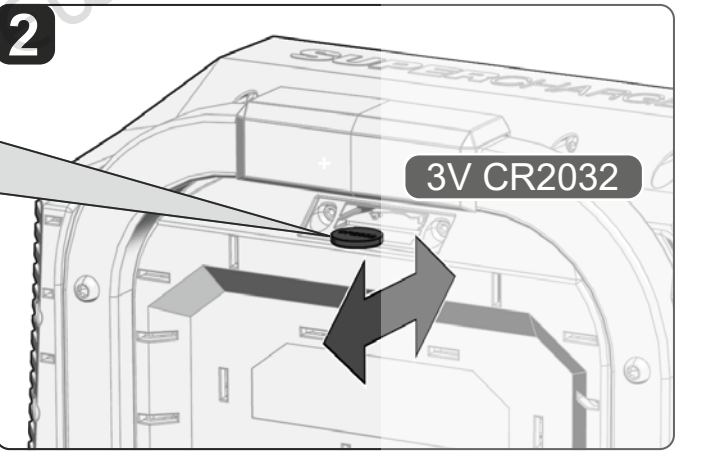
For detailed description of ONE-KEY-function, see text section.

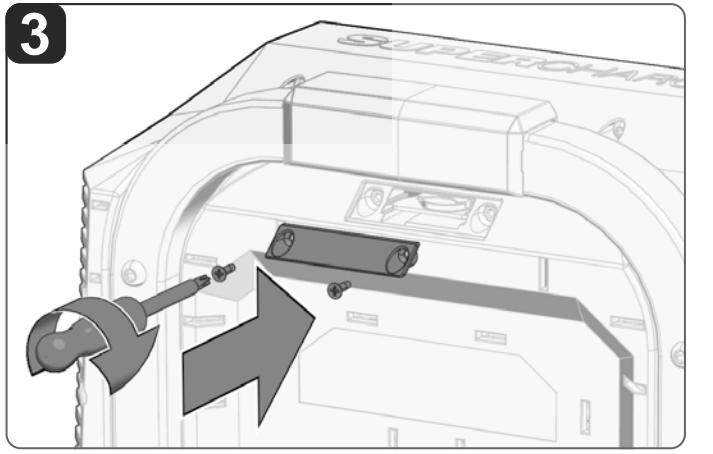












магазин БАШ МАЙСТОРА ПРОФЕСИОНАЛНИ РЕШЕНИЯ

TECHNICAL DATA	MXF SC
Type	Battery Charger
Frequency band(s) of Bluetooth	2402-2480 MHz
Maximum radio-frequency power transmitted in the frequency band(s)	3 dBm
Bluetooth version	BLE V5.1
Output Volts	72 V
Quick charge current	12 A
Weight according EPTA-Procedure 01/2014	8,8 kg
Recommended ambient charging temperature	+5...+40 °C

⚠ 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 all warnings and instructions for future reference.

SAFETY WARNINGS

Do not dispose of used battery packs in the household refuse or by burning them. Milwaukee Distributors offer to retrieve old batteries to protect our environment.

Only the following battery packs can be charged with this charger:

Battery Cat. No.	Cell Type	DC Volts	Capacity	Cell No.
MXF CP203	Li-Ion	72 V	≤ 3.0 Ah	20
MXF XC406	Li-Ion	72 V	≤ 6.0 Ah	2 x 20
MXF XC608	Li-Ion	72 V	≤ 8.0 Ah	2 x 20
MXF HD812	Li-Ion	72 V	≤ 12.0 Ah	3 x 20

Do not try to charge non-rechargeable batteries with this charger.

Do not store the battery pack together with metal objects (short circuit risk).

No metal parts must be allowed to enter the battery section of the charger (short circuit risk).

Never break open battery packs or chargers and store only in dry rooms. Keep dry at all times.

The battery clamps of the charger are fed by mains supply. Do not touch the tool with conducting objects.

Never charge a damaged battery pack. Replace by a new one.

Before use check machine, cable, and plug for any damages or material fatigue. Repairs should only be carried out by authorised Service Agents.

Use only System MXF chargers for charging System MXF battery packs. Do not use battery packs from other systems.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

WARNING This device contains a lithium button/coin cell battery. A new or used battery can cause severe internal burns and lead to death in as little as 2 hours if swallowed or enters the body. Always secure the battery cover. If it does not close securely, stop using the device, remove the batteries, and keep it away from children. If you think batteries may have been swallowed or entered the body, seek immediate medical attention.

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.

SPECIFIED CONDITIONS OF USE

This charger charges MXF CP203, MXF XC406, MXF XC608 and MXF HD812 Milwaukee Li-Ion battery packs.

Do not use this product in any other way as stated for normal use.

MAINS CONNECTION

Connect only to a single-phase AC current supply and only to the mains voltage specified on the rating plate. Must only be used from sockets with earth wire.

CHARGING TIME

Battery Cat. No.	Volts	Capacity	Charging Time approx.
MXF CP203	72 V	≤ 3.0 Ah	55 min
MXF XC406	72 V	≤ 6.0 Ah	90 min
MXF XC608	72 V	≤ 8.0 Ah	45 min
MXF HD812	72 V	≤ 12.0 Ah	65 min

NOTES FOR LI-ION BATTERIES

Use of Li-Ion batteries

Battery packs which have not been used for some time should be recharged before use.

Temperatures in excess of 50°C (122°F) reduce the performance of the battery pack. Avoid extended exposure to heat or sunshine (risk of overheating).

The contacts of chargers and battery packs must be kept clean.

For an optimum life-time, the battery packs have to be fully charged, after used.

To obtain the longest possible battery life remove the battery pack from the charger once it is fully charged.

For battery pack storage longer than 30 days:
Store the battery pack where the temperature is below 27°C and away from moisture
Store the battery packs in a 30% - 50% charged condition
Every six months of storage, charge the pack as normal.

Battery protection for Li-Ion batteries

In extremely high torque, binding, stalling and short circuit situations that cause high current draw, the tool will stop for about 2 seconds and then the tool will turn OFF. To reset, release the trigger. Under extreme circumstances, the internal temperature of the battery could become too high. If this happens, the battery will shut down.

Under extreme circumstances, the internal temperature of the battery pack could raise too much. If this happens, the fuel gauge will flash until the battery pack cooled down. After the lights go off, the work may continue.

Transport of Li-Ion batteries

Lithium-ion batteries are subject to the Dangerous Goods Legislation requirements.

Transportation of those batteries has to be done in accordance with local, national and international provisions and regulations.

- The user can transport the batteries by road without further requirements.
- Commercial transport of Lithium-Ion batteries by third parties is subject to Dangerous Goods regulations. Transport preparation and transport are exclusively to be carried out by appropriately trained persons and the process has to be accompanied by corresponding experts.

When transporting batteries:

- Ensure that battery contact terminals are protected and insulated to prevent short circuit.
- Ensure that battery pack is secured against movement within packaging.
- Do not transport batteries that are cracked or leak.

Check with forwarding company for further advice

CHARACTERISTICS

After inserting the battery into the reception of the charger the battery will automatically be charged (red control lamp is illuminated continuously)

A fully discharged battery pack with an internal tem-perature in the normal range will charge in about 55 to 90 minutes, depending on the battery pack and internal temperature of the charger.

Heavily cycled batteries may take longer to charge completely.

The fuel gauge lights are displayed as the pack is be-ing charged, indicating how fully charged the pack is. The fuel gauge will turn off when charging is complete.

Once the battery is fully charged, the LED on the charger changes from red to green and the LEDs on the battery go out.

If the light indicator flashes red and green or does not come on, 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 or 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 the problem persists, contact a MILWAUKEE service facility.

CHARGER LIGHT INDICATORS

Continuous red	Charging
Slow flashing green	Approaching full charge
Continuous green	Charging is complete
Fast flashing red	Battery or charger is too hot/cold - charging will begin/resume when battery or charger reaches correct charging temperature
Flashing red/green	Damaged or faulty battery pack or charger

WORKING INSTRUCTIONS

New batteries must be charged before first use. The battery is shipped in sleep mode.

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.

ONE-KEY™

To learn more about the ONE-KEY functionality for this tool, please reference the Quick Start guide included with this product or go to milwaukeetool.com/ One-Key. To download the ONE-KEY app, visit the App Store or Google Play from your smart device.

Also, when the product experiences ESD, the Bluetooth communication will be disconnected. It needs to be reset manually to recover.

ONE-KEY™ Indicator

Solid Blue	Wireless mode is active and ready to be configured via the ONE-KEY™ app.
Blinking Blue	Tool is actively communicating with the ONE-KEY™ app.
Blinking Red	Tool is in security lockout and can be unlocked by the owner via the ONE-KEY™ app.

MAINTENANCE

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.

Use only Milwaukee accessories and Milwaukee spare parts. Should components need to be replaced which have not been described, please contact one of our Milwaukee service agents (see our list of guarantee/service addresses).

If needed, an exploded view of the tool can be ordered. Please state the machine type printed as well as the six-digit No. on the label and order the drawing at your local service agents or directly at: Techtronic Industries GmbH, Max-Eyth-Straße 10, 71364 Winnenden, Germany.

SYMBOLS

	Please read the instructions carefully before starting the machine.
	CAUTION! WARNING! DANGER!
	Always disconnect the plug from the socket before carrying out any work on the machine.
	Do not burn used battery packs.
	Never charge a damaged battery pack. Replace with a new one.
	Do not swallow the coin cell battery!
	Warning. Danger of electric shock.



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



Battery Charger



Do not dispose of waste batteries, waste electrical and electronic equipment as unsorted municipal waste. Waste batteries and waste electrical and electronic equipment must be collected separately. Waste batteries, waste accumulators and light sources have to be removed from equipment.
Check with your local authority or retailer for recycling advice and collection point.
According to local regulations retailers may have an obligation to take back waste batteries and Waste electrical and electronic equipment free of charge.
Your contribution to re-use and recycling of waste batteries and waste electrical and electronic equipment helps to reduce the demand of raw materials.
Waste batteries, in particular containing lithium and waste Electrical and electronic equipment contain valuable, recyclable materials, which can adversely impact the environment and the human health, if not disposed of in an environmentally compatible manner.
Delete personal data from waste equipment, if any.



European Conformity Mark



British Confomity Mark



Ukraine Conformity Mark



EurAsian Conformity Mark

EC DECLARATION OF CONFORMITY

Hereby, Techtronic Industries GmbH declares that the radio equipment type MXF SC is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://services.milwaukeetool.eu

GB-DECLARATION OF CONFORMITY

Hereby, Techtronic Industries GmbH declares that the radio equipment type MXF SC is in compliance with Directive S.I. 2017/1206 (as amended). The full text of the EU declaration of conformity is available at the following internet address: http://services.milwaukeetool.eu

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