

BENCHMARKTM MC

20V MAX LITHIUM-ION BATTERY & FAST CHARGER KIT

Item # 5350-025



Includes 1 battery and 1 charger
3 Year Limited Warranty

*Compatible with all Benchmark Cordless Products
with the Benchmark Omega 20v™ logo.



**READ ALL INSTRUCTIONS BEFORE FIRST USE.
KEEP THIS MANUAL FOR FUTURE REFERENCE.
KEEP AWAY FROM CHILDREN.**

Maximum initial battery voltage (measured without a load)
is 20 volts. Nominal voltage is 18 volts.



**WEAR CSA APPROVED
EYE PROTECTION**



**WEAR EAR
PROTECTION**



**WEAR A
FACE MASK**

PRODUCT SPECIFICATIONS

2.5Ah BATTERY

Battery voltage	20 V Max 2.5Ah Li-ion (Maximum charged battery voltage, measured without load, is 20V with a nominal value of 18V)
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20V MAX FAST CHARGER

Voltage	120V~, 60Hz,
Output Voltage	21V~, 6A
Additionally accommodates the following batteries (sold separately).	
5350-023 (2.5Ah)	Charge time – up to 46 Minutes
5350-011 (4Ah)	Charge time – up to 48 Minutes
5350-012 (5Ah)	Charge time – up to 61 Minutes
5350-049 (8Ah)	Charge time - up to 97 Minutes
Weight	3.11lbs (1.41kg)

NEED ASSISTANCE?

Call us on our toll-free customer support line:

1-866-349-8665

(Monday through Friday 9am – 5pm Eastern Standard Time)

- Technical questions
- Replacement parts
- Parts missing from package.

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GENERAL SAFETY WARNINGS

WARNING

Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference. The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

SAFETY SYMBOLS

SYMBOL	MEANING
 DANGER  	<p>ALWAYS WEAR EYE PROTECTION THAT CONFORMS WITH CSA Z94.3 or ANSI SAFETY STANDARD Z87.1</p> <p>FLYING DEBRIS can cause permanent eye damage. Prescription eyeglasses ARE NOT a replacement for proper eye protection. The usage of a safety standard compliant face shield placed over proper safety glasses or goggles can reduce the risk of facial injury.</p> <p>Non-compliant eyewear can cause serious injury if broken during the operation of a power tool.</p>
 WARNING 	<p>Use hearing protection, particularly during extended periods of operation of the tool, or if the operation is noisy.</p>
 WARNING 	<p>WEAR A DUST MASK THAT IS DESIGNED TO BE USED WHEN OPERATING A POWER TOOL IN A DUSTY ENVIRONMENT.</p> <p>Dust that is created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals that are known to cause cancer, birth defects, or other genetic abnormalities. These chemicals include:</p> <ul style="list-style-type: none"> • Lead from lead-based paints • Crystalline silica from bricks, cement, and other masonry products • Arsenic and chromium from chemically treated lumber <p>The level of risk from exposure to these chemicals varies, according to how often this type of work is performed. In order to reduce exposure to these chemicals, work in a well-ventilated area, and use approved safety equipment, such as a dust mask that is specifically designed to filter out microscopic particles.</p>
 WARNING 	<p>TO AVOID ELECTRICAL HAZARDS, FIRE HAZARDS OR DAMAGE TO THE TOOL, USE PROPER CIRCUIT PROTECTION.</p> <p>This tool is wired at the factory for 120 V AC operation. It must be reconnected to a 120 V AC, 15 A circuit that is protected by a time-delayed fuse or circuit breaker. To avoid shock or fire, replace power cord immediately if it is worn, cut or damaged in any way.</p>

⚠ WARNING

WARNING: Ventilation openings in batteries and chargers must always be open to allow cooling air to circulate freely. Air vents that are blocked, restricted or covered may result in the battery or charger overheating. Overheating may lead to damage to the tool or cause a fire, resulting in possible serious injury.

1) WORK AREA SAFETY

- a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2) ELECTRICAL SAFETY

- a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Dam- aged or entangled cords increase the risk of electric shock.
- e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

3) PERSONAL SAFETY

- a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools

- d) Remove any adjusting key or wrench before turning the power tool on.
A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

4) POWER TOOL USE AND CARE

- a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5) BATTERY TOOL USE AND CARE

- a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

- c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

6) SERVICE

Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

BATTERY AND CHARGER SAFETY INSTRUCTIONS

⚠️ WARNING: Only use the charger supplied with this kit to charge the 20V Li-ion batteries for this tool. Charging any other batteries may damage the charger and possibly cause serious injury.

Do not store or carry the battery in a manner in which metal objects could contact the exposed metal end. Do not place the battery in aprons, pockets, drawers, etc. with loose nails, screws, keys etc. The battery could short circuit causing a fire, personal injury, or damage to the battery.

Never attempt to open the battery for any reason. If the housing of the battery breaks or cracks, immediately discontinue use and do not recharge.

Do not charge the battery if it is wet or shows any evidence of corrosion.

A small leakage from the battery may occur under extreme usage, charging or temperature conditions. This does not indicate a failure. However, if the outer seal is broken and this leakage gets on your skin, follow these steps:

1. Wash immediately with soap and water.
2. Neutralize with a mild acid such as lemon juice or vinegar.
3. If liquid gets into your eyes, flush immediately with clean water for a minimum of 10 minutes and seek medical attention.

NOTE: The battery liquid is slightly acidic.

Do not incinerate the battery. It can explode in a fire.

Do not use an extension cord. Plug the charger cord directly into an electrical outlet.

Use the charger only in a standard 120V, 60 Hz electrical outlet.

Do not use the charger in wet or damp conditions. It is intended for indoor use only. Do not use the charger near sinks or tubs. Do not immerse the charger in water.

Do not allow the cord to hang over the edge of a table or counter or touch hot surfaces.

The charger should be placed away from sinks and hot surfaces.

Do not use the charger for batteries other than those specifically noted for use with this charger. Other batteries may explode.

Do not allow the cord to hang over the edge of a table or counter or touch hot surfaces. The charger should be placed away from sinks and hot surfaces.

Do not operate charger if the cord or plug is damaged. Replace the damaged cord and plug immediately.

Do not operate the charger if it has received a sharp blow, been dropped or otherwise damaged in any way. Have a qualified technician examine the charger and repair it if necessary. Do not disassemble the charger.

Do NOT charge the batteries when the work area or the battery temperature is at or below 5° C (41° F) or above 40.5° C (105° F).

Unplug the charger when not in use and before cleaning or maintenance.

BATTERY PACK RECYCLING



To preserve our natural resources, please recycle or dispose of batteries properly. The batteries charged by this charger may contain chemicals and metals that are harmful to the environment. Never dispose of rechargeable batteries in your normal household garbage or in landfill sites as they will add to the pollution of the environment.



This charger is double insulated. Therefore no ground is required.

SYMBOLS

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.

	Direct current, DC
	Refer to instruction manual/booklet
	Indoor use only
T3.15A 	Fuse
	Polarity symbol
	Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.
	Double insulated for additional protection
	General warning
	Regular compliance mark



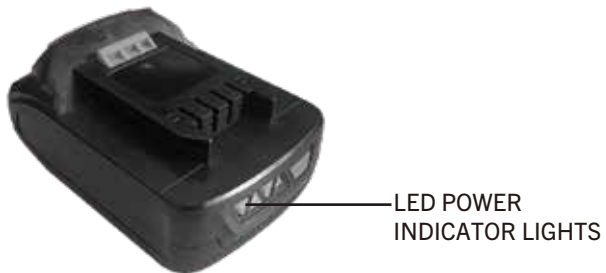
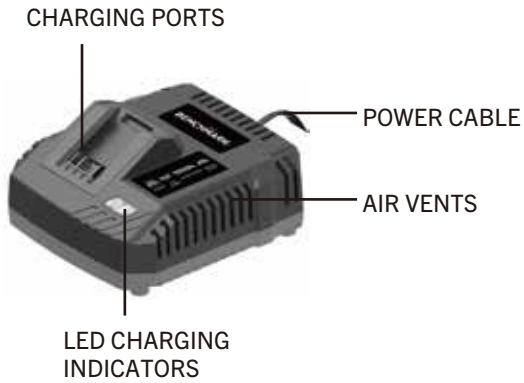
c^{US}
E114847
DL130418

This symbol designates that this tool is listed with U.S. requirements by MET Laboratories, Inc.

Conforms to UL 1012

Certified to CAN/CSA STD C22.2 No. 107.1-16

KNOW YOUR BATTERY AND CHARGER



CHECKING THE BATTERY CHARGER STATUS

The level of charge remaining in the battery can be checked by using the battery LED Power indicator lights located on the end of the battery.

NOTE: A discharged 20v, 2.5Ah battery pack should be fully charged in approx. 38 minutes.

NOTE: The battery charge remaining may be checked while the battery is installed in a tool with the ON/OFF switch turned OFF. It may also be checked while the battery is removed from a tool. **DO NOT** check the battery charge remaining while the battery is in the charger. You will get a false reading and you may also damage the battery status system.

1. Press and hold the status button located on the end of the battery.
2. One of more of the four lights in the LED window will come ON to indicate the amount of charge that is remaining in the battery as follows:

Charge Level Indicator						
Amount of Charge Remaining	0 - 10%	10 - 25%	25 - 50%	50 - 75%	75 - 100%	

3. Release the battery status button to turn the LED's OFF.

HOW TO INSERT BATTERY ON CHARGER

FIG 1



1. Align battery ribs with charger (FIG.1(a))
2. Slowly slide into charger (FIG.1(b))
3. Stop when you hear the latch click (FIG.1(c))

TO REMOVE BATTERY:

Press & hold button on battery & follow steps in reverse.

OPERATION

LED CHARGER LIGHTS

WARNING

If at any point during the charging process, none of the LED lights on the charger are lit— remove the battery pack from the charger to avoid damaging the product. Do not insert another battery.

The LED charging indicators show what charge state the battery is in:

GREEN LIGHT	RED LIGHT	BATTERY INSERTED INTO CHARGER	CHARGING STATUS
ON	OFF	NO	Charger connected to power supply
OFF	Blink	YES	Battery being charged
ON	OFF	YES	Battery fully charged
OFF	ON	YES	Battery is charged but not operational on tool. This may indicate defective / bad contact on battery.
ON	ON	YES	Charging conditions are either too hot or too cold

THERMAL PROTECTION

When repeatedly using the charger to charge a number of batteries always allow the charger to cool down before charging another battery. It is recommended that the cooling down period is not less than 30 to 45 minutes.

When charging a battery that has been discharged during heavy use allow the battery to cool down before charging. It is recommended that the cooling down period is not less than 30 to 45 minutes.

A safety feature of this battery system is that if the Battery Pack is too hot to be charged, the battery charger will NOT start charging and the light will remain green. When the battery pack has cooled, the charger will start charging.

WARRANTY

If this Benchmark Tool fails due to a defect in material or workmanship within five years from the date of purchase, return it to any Home Hardware store with the original bill of sale for exchange. 3 years for battery and charger.

This warranty does not include expendable parts including but not limited to blades, brushes, belts and light bulbs. This warranty covers defects in material or workmanship only. It does not cover normal wear and tear, failure due to abuse/misuse, or defects caused by careless or accidental mishandling. If this Benchmark product is used for commercial or rental purposes, this warranty does not apply. Need Assistance?

20V MAX LITHIUM-ION BATTERY & FAST CHARGER KIT

Item # 5350-025



*Compatible with all Benchmark Cordless Products
with the Benchmark Omega 20v™ logo.

BENCHMARK™
MC

BENCHMARK TOOLS CANADA

ST. JACOBS, ONTARIO N0B 2N0

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CUSTOMER SERVICE/TECH SUPPORT

1-866-349-8665

5350-025

Made in China



* This Benchmark™ product carries a three (3) year LIMITED warranty against defects in workmanship and materials. See Owner's Manual for full details.



**E114847
DL130418**

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is 20 volts. Nominal voltage is 18 volts.



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