



BOP BATTERY and CHARGER

Owners Manual

INTRODUCTION

PLEASE READ THIS SAFETY INFORMATION CAREFULLY BEFORE USE.

Read and retain this instruction manual to assist you in the operation of your new product.



Failure to follow all instructions listed below may result in electric shock, fire, serious injury and/or damage to the battery or charger.



WARNING

Only use genuine Macnaught Battery and Charger on the Macnaught product.

Description	Ordering part number	Part number
2Ah 18V Li-ion battery	BPB-20AH	MBP2000MAH
Australian charger	BPC-A	MBC-AU
USA charger	BPC-U	MBC-US
European charger	BPC-E	MBC-EU
UK charger	BPC-B	MBC-UK



GENERAL SAFETY

DO NOT operate power tools in explosive areas, e.g; close to flammable liquids, gases or dust.



ELECTRICAL SAFETY

- Never modify electrical connections.
- **DO NOT** expose or use battery or charger in rain or wet conditions.
- **DO NOT** use product if the product is damaged.
- **Only use "ORIGINAL" Macnaught replacement parts, battery or charger.**



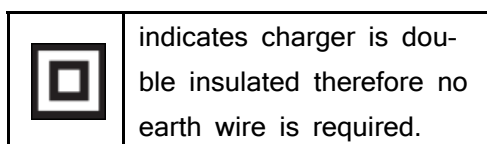
BATTERY and CHARGER SAFETY

- **DO NOT** place any object on top of the charger or place the charger on an uneven surface.
- If Charger case is damaged **DO NOT** use - danger of electric shock or electrocution.
- Battery charger **MUST ONLY** be used for charging Macnaught rechargeable batteries.
- **DO NOT** operate charger if charger, power cord or plug is damaged - replace immediately.
- When removing charger from wall outlet, turn off power point, remove by pulling plug only (not cord).

- **DO NOT** disassemble charger or battery for any reason.
- **DO NOT** store or use the charger and battery pack in locations where the temperature may reach or exceed 40°C/104°F.
- **DO NOT** charge battery that is fitted on any battery operated tool.
- Inspect charger and battery prior to use for any signs of damage, loose or missing parts. If equipment is worn or damaged, remove it from service (Replace if required).
- An extension cord should not be used unless absolutely necessary. If required only use an approved extension cord which would be suitable for this charger.
- **DO NOT** use battery or charger if dropped, receives a sharp blow or is damaged in any way.
- Unplug charger when not in use. Remove battery from unplugged charger.
- Your charger is designed to operate on standard local electrical voltage. Refer to the table below for correct voltage. **DO NOT** attempt to use the charger on any other voltage.

Model	Input Voltage
MBC-US	100-120V
MBC-AU, MBC-EU, MBC-UK	200-240V

- **DO NOT** use battery or charger below 0° C or exceed 40° C (If battery pack is either too hot or cold charging will cease until correct temperature is reached).
- **DO NOT** incinerate the battery (The battery can explode in a fire).
- **DO NOT** short circuit the battery. (Keep battery away from any metallic objects that may bridge the battery terminals).



Only applicable to EU - UK - AU chargers.

Note: Double insulation does not take the place of normal safety precautions when operating this tool.

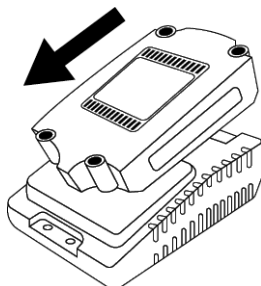
- To reduce the risk of electrical shock, use of a residual current device (rated 30mA or less) is recommended
- **DO NOT** leave battery on prolonged charge when not in use.
- Under extreme conditions the battery could leak. If battery liquid comes in contact with the skin, wash in water for at least 10 minutes, then seek immediate medical attention.
- Make sure the battery pack snaps into place and the battery pack is secured in the charger before operation.
- The battery pack and charger will become slightly warm to touch while charging. This is normal.
- **DO NOT** place the battery pack or charger in extreme hot or cold.

BATTERY SPECIFICATIONS	
Type	Li-ion
Capacity	2000mAh
Voltage	18V
Temperature	0 deg C - 45 deg C

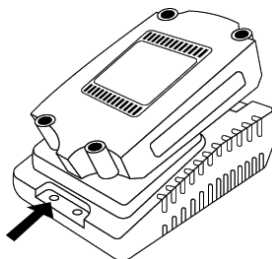
CHARGE BATTERY



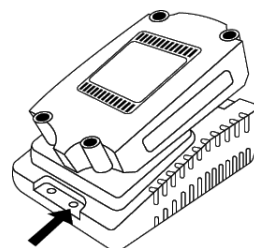
1) Insert battery



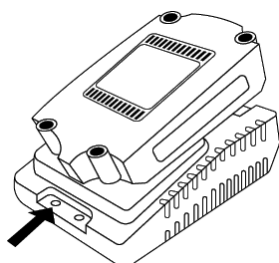
2) Power on
(green light only)



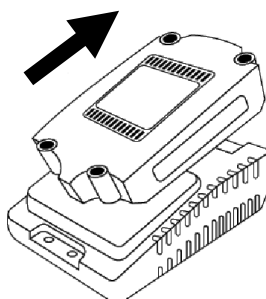
3) Battery charging
(red light only)



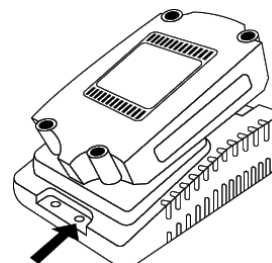
4) Battery charged
(green light only)



5) Remove battery



Note:
Red light flashes indicates low battery voltage.
(trickle charging prevents battery damage)



BATTERY DISPOSAL

NOTE: Dispose of old batteries properly. The battery contains rechargeable Lithium-ion and must be recycled or disposed of properly. Please refer to the local authorities for the correct method of battery disposal.

DO NOT incinerate the battery pack. The battery can explode in a fire

DO NOT attempt to disassemble any battery.



Li-ion





COMPLIANCE

MBC-US – US Battery Charger

This battery charger has been tested & verified by ETL Intertek to meet OSHA required safety standard.



FCC: MBC-US battery charger only.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver connected.
- Consult the dealer or an experienced radio/ TV technician for help.

BATTERY


EU Declaration of Conformity

We: Macnaught Pty. Ltd. Of: 41-49 Henderson Street, Turrella NSW 2205, Australia.

Declare that: Li-Ion Battery MBP2000MAH, MBP3000MAH

In accordance with:

Electromagnetic Compatibility Directive	2014/30/EU
Restriction of Hazardous Substance Directive	2011/65/EU as amended by 2015/863/EU
Battery Directive	2006/66/EC as amended by 2013/56/EU

have been designed and manufactured to the applicable harmonised standards below:

MBP2000MAH	EN62133-2: 2017	IEC 62133-2: 2017 + A1
	EN55032: 2015	EN IEC 61000-6-1: 2019
	EN55035: 2017	EN IEC 61000-6-3: 2021
MBP3000MAH		

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specification. The product complies with all essential requirements of the Directives.


Signature 

Name: Marco Uccellani Position: Engineering Manager

Done at: 41-49 Henderson Street, Turrella NSW 2205, Australia. Date: 10/Feb/2022

COM-D/MG/PIM/CE-BOP.BAT_R3
QA-CN7446
Issued by: R.Khan

CHARGER



EU Declaration of Conformity

We: Macnaught Pty. Ltd. Of: 41-49 Henderson Street, Turrella NSW 2205, Australia.

Declare that: Li-Ion Battery Charger MBC-yz (-y, -z: A-Z; i.e. AU = Australia, EU = Europe, US = USA)
(Lower case y and z are used as variables to represent country specific models)


In accordance with:

Low Voltage Directive	2014/35/EU
Electromagnetic Compatibility Directive	2014/30/EU
Restriction of Hazardous Substance Directive	2011/65/EU as amended by 2015/863/EU
Waste Electrical and Electronic Equipment Directive	2012/19/EU

have been designed and manufactured to the applicable harmonised standards below:

EN60335-1: 2012+A11: 2014
 EN60335-2-29: 2004+A2: 2010
 EN62233: 2008
 EN55014-1: 2006+A1:2009+A2:2011
 EN55014-2: 2015
 EN61000-3-2: 2014
 EN61000-3-3: 2013

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specification. The product complies with all essential requirements of the Directives.


Signature 

Name: Marco Uccellani Position: Engineering Manager

Done at: 41-49 Henderson Street, Turrella NSW 2205, Australia. Date: 23/Jun/2021

COM-D/MG/PIM/CE-BOP.CHR_R2
 QA-CN7444
 Issued by: R.Khan

BATTERY


UK Declaration of Conformity

We: Macnaught Pty. Ltd. **Of:** 41-49 Henderson Street, Turrella NSW 2205, Australia.

Declare that: Li-Ion Battery MBP2000MAH, MBP3000MAH

In accordance with: Electromagnetic Compatibility Regulations 2016
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

have been designed and manufactured to the applicable harmonised standards below:

MBP2000MAH	EN55032: 2015		EN IEC 61000-6-1: 2019
	EN55035: 2017	MBP3000MAH	EN IEC 61000-6-3: 2021

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specification. The product complies with all essential requirements of the Directives.

Signature 

Name: Marco Uccellani **Position:** Engineering Manager

Done at: 41-49 Henderson Street, Turrella NSW 2205, Australia. **Date:** 10/Feb/2022

COM-D/MG/PIM/UKCA-BOP.BAT_R2
QA-CN7446
Issued by: R.Khan

CHARGER


UK Declaration of Conformity

We: Macnaught Pty. Ltd. **Of:** 41-49 Henderson Street, Turrella NSW 2205, Australia.

Declare that: Li-Ion Battery Charger MBC- UK

In accordance with:

Low Voltage Directive	2014/35/EU
Electromagnetic Compatibility Directive	2014/30/EU
Restriction of Hazardous Substance Directive	2011/65/EU as amended by
	2015/863/EU
Waste Electrical and Electronic Equipment Directive	2012/19/EU

have been designed and manufactured to the applicable harmonised standards below:

EN60335-1: 2012+A11: 2014
EN60335-2-29: 2004+A2: 2010
EN62233: 2008
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EN61000-3-2: 2014
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I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specification. The product complies with all essential requirements of the Directives.

Signature *Marco Uccellani*

Name: Marco Uccellani **Position:** Engineering Manager

Done at: 41-49 Henderson Street, Turrella NSW 2205, Australia. **Date:** 23/Jun/2021

COM-DMG/PIM/UKCA-BOP-CHR_R1
QA-CN7444
Issued by: R.Khan

Note:

This product should be disposed of according to all applicable local and national government environment regulations and guidelines.



For Warranty Terms and Conditions see macnaught.com.au
For a list of Australian Service Centres see macnaught.com.au

BP20-BC-inst-issue7

**macnaught**

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