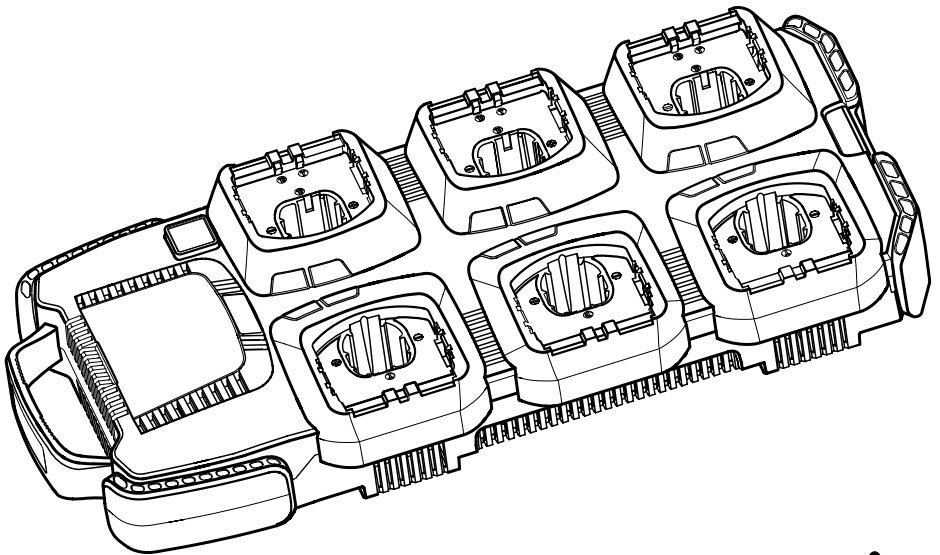


# RYOBI®

**BCS618 (260029004)**

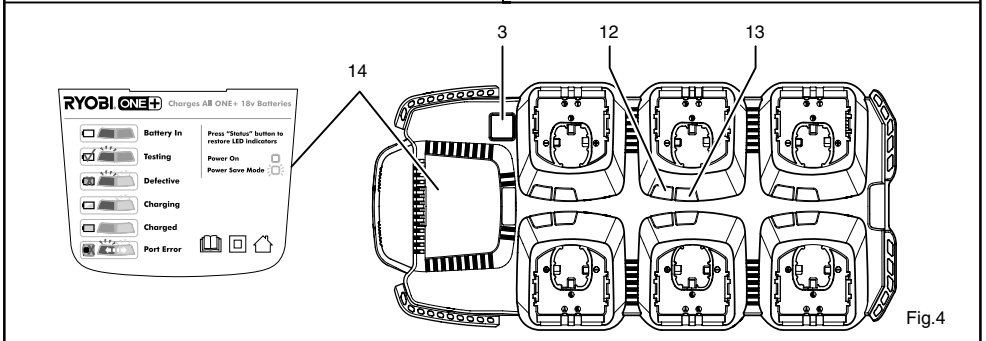
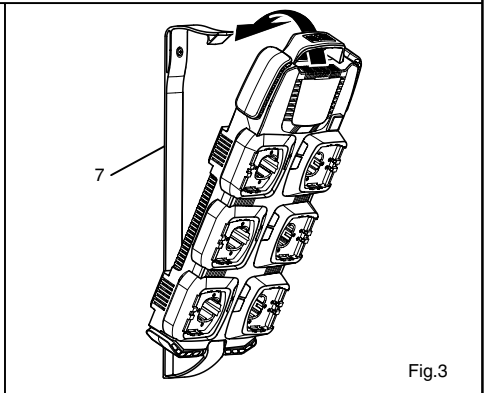
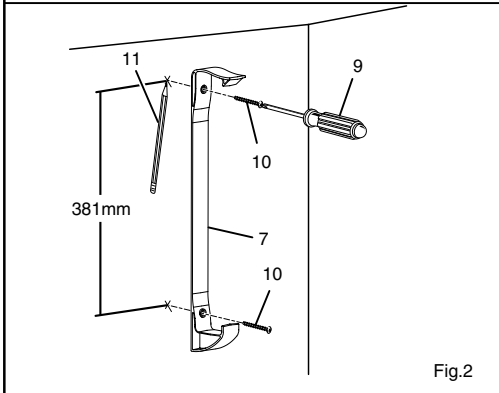
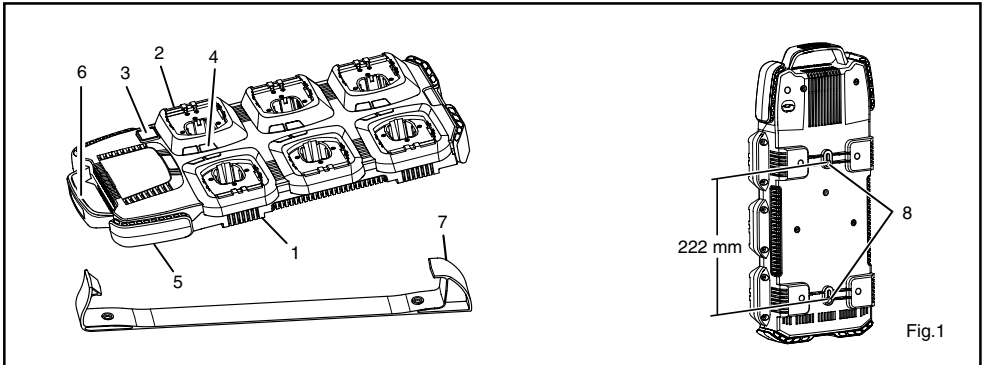
## **18 VOLT NICKEL-CADMIUM/ LITHIUM-ION 6 PORT CHARGER OPERATORS INSTRUCTION MANUAL**



N197

## DESCRIPTION (See Figures 1-3)

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. BCS618 6-Port Charger</li> <li>2. Battery Port</li> <li>3. Blue LED (Energy Star) power save button</li> <li>4. Battery Port LEDs</li> <li>5. Protective bumper</li> <li>6. Carry handle</li> <li>7. Mounting bracket</li> </ol> | <ol style="list-style-type: none"> <li>8. "Key hole" hanger</li> <li>9. Screwdriver</li> <li>10. Screws</li> <li>11. Pencil</li> <li>12. Green LED</li> <li>13. Red LED</li> <li>14. Charge indicator label</li> </ol> |
|--|--|



## SAFETY INSTRUCTIONS



### CAUTION

When using the battery charger, the following basic safety precautions should be observed for protection against electric shock, danger of injury and burns.

Please read and observe these instructions before using the device.

- Before using the device check that the mains cable and mains plug are not damaged.
- The device must not be damp, neither should it be used in a damp environment.
- Do not use the device if it has suffered any heavy shock or jolting, or is damaged in any other way.
- Due to the heat generated during charging, the battery charger should not be operated on a combustible surface or in an inflammable environment
- Do not cover the ventilating slits
- Never disassemble the device yourself. Danger of an electric shock or fire could be caused by improper reassembly.
- Pull the plug of the battery charger out of the socket when it is not in use or when cleaning it.
- Only use an extension cable that is approved and technically in perfect condition.
- During operation provide sufficient ventilation. Malfunction during charging can be caused by storing and operating in places where the temperature exceeds +40°C; this should be avoided. Battery charging in closed cupboards, near heat sources (radiators, bright sunshine) etc. causes heat to accumulate and can damage the device.
- If the battery is not going to be used for a long period, pull the battery off the battery charger and pull out the mains plug.
- Protect battery contacts from metallic objects to avoid a short circuit which could result in a fire or explosion!
- Do not rivet or screw any name-plates or signs onto the device. The protective insulation can thereby be rendered ineffective. Adhesive labels are recommended.
- Only charge original recommended batteries.

- If the power cord is damaged, it must be replaced by an Authorised Service Center in order to avoid a hazard.



### WARNING

Do not recharge primary cells (non-rechargeable).



### Damage to property/material

Mains voltage must correspond with the voltage specifications on the device.

- **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.**
- This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they do not play with the appliance.
- **Keep children and visitors away.** Visitors should wear safety glasses and be kept a safe distance from the work area. Do not let visitors contact tool or extension cord.
- **Complies with AS/NZS 60335.**




## ASSEMBLY

### ASSEMBLING WALL MOUNT BRACKET

See Fig. 2 - 3

- Find desired location indoors and away from any objects that could block vents on the charger. Locate a wall stud to securely mount bracket.
- You will need two #8 - 63.5mm screws (not included)
- Use a level to be sure that bracket is in a vertical position. Use a pencil to mark the screw hole placement. Screws should be installed so that the center distance is 381mm.
- Install screws to securely attach bracket.
- Place bottom end of charger into the bracket then snap the top of charger securely into the bracket.
- Charger should fit snugly and securely in the bracket.

## SPECIFICATIONS

Battery Pack	Voltage	Charger Input	Battery Capacity	No. of cell for battery
130247015	18 V 	220-240V, 50-60Hz, AC only	1.7 Ah	15
BPL-1820	18 V 	220-240V, 50-60Hz, AC only	2.4 Ah	10
BPL-1815	18 V 	220-240V, 50-60Hz, AC only	1.4 Ah	5

## OPERATION



### WARNING

Do not allow familiarity with products to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.



### WARNING

Always wear safety goggles or safety glasses with side shields when operating products. Failure to do so could result in objects being thrown into your eyes, resulting in possible serious injury.



### WARNING

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

## APPLICATIONS

You may use this product for the following purposes:

- Charging and maintaining Ryobi One+ 18V battery packs at peak charge every time (not over time).



### CAUTION:

Charge in a well ventilated area. Do not block charger vents. Keep them clear to allow proper ventilation.



### CAUTION:

If at any point during the charging process none of the LEDs are lit, remove the battery pack from the charger to avoid damaging the product. DO NOT insert another battery. Return the charger and battery to your nearest service center for service or replacement.

## BATTERY PROTECTION FEATURES

Ryobi One+ 18 V Lithium-Ion batteries are designed with features that protect the Lithium-Ion cells and maximise battery life.

If the tool stops during use, release the trigger to reset and resume operation. If the tool still does not work, the battery needs to be recharged.

**NOTE:** The LED charge indicator light will not work if the battery protection feature has caused the battery pack to stop powering the tool. When the battery pack resets itself, the LED will again function.

## CHARGING THE BATTERY PACK

**Use only Ryobi One+ 18V battery packs with this charger.**

Battery packs for this tool are shipped in a low charge condition to prevent possible problems. Therefore, you should charge them until the green LED on the front of the charger comes on.

**Note:** The charger will also charge Ryobi One+ 18 V Ni-Cd battery packs.

## CHARGING A COOL BATTERY PACK

If the charger does not charge the battery pack under normal circumstances, return both the battery pack and charger to your nearest Authorised Service Center for electrical check.

- Charge the battery pack only with the charger provided.
- Make sure the power supply is normal household voltage, **220-240V, 50-60Hz, AC** only.
- Make sure the latches on each side of the battery pack snap into place and the battery pack is secured in the charger before beginning operation.
- Connect the charger to the power supply.
- Place the battery pack in the charger aligning the raised rib on the battery pack with the groove in the charger.
- Press down on the battery pack to be sure contacts on the battery pack engage properly with contacts in the charger.

**Note:** After charging is complete, the green LED will remain on until the battery pack is removed from the charger or charger is disconnected from the power supply.

- The battery pack will become slightly warm to the touch while charging. This is normal and does not indicate a problem.

## OPERATION

- Do not place the charger and battery pack in an area of extreme heat or cold. They will work best at normal room temperature.

**Note:** The charger and battery pack should be placed in a location where the temperature is more than 10°C but less than 38°C.

- When batteries become fully charged, it is suggested to unplug the charger from the power supply and remove the battery pack.
- To remove the battery pack from the charger, depress the latches on each side of the battery pack.







## CHARGING A HOT BATTERY PACK

When using a tool continuously, the batteries in the battery pack will become hot. You should let a hot battery pack cool down for approximately 30 minutes before attempting to recharge.

**Note:** This situation only occurs when continuous use of a tool causes the batteries to become hot. It does not occur under normal circumstances. Refer to "**CHARGING A COOL BATTERY PACK**" for normal recharging of batteries. If the charger does not charge your battery pack under normal circumstances, return both the battery pack and charger to your nearest Authorized Service Center for electrical check.

## LED FUNCTIONS OF CHARGER

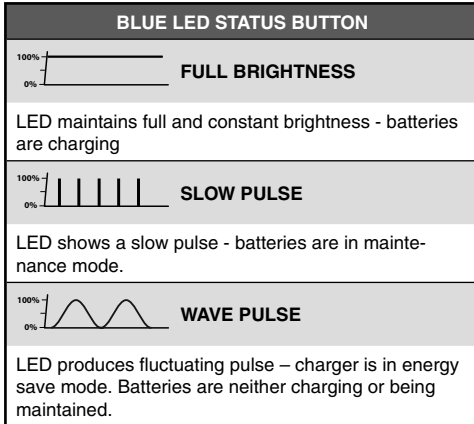
See Fig. 4.

LED FUNCTIONS			
BATTERY PACK	RED LED	GREEN LED	ACTION
 <b>Power</b>			
Without battery pack	ON	OFF	Ready to charge battery pack.
 <b>Evaluate</b>			
Hot battery pack	Flashing	OFF	When battery pack reaches cooled temperature, charger begins fast charge mode.
Cold battery pack	Flashing	OFF	When battery pack reaches warmed temperature, charger begins fast charge mode.
Deeply discharged	Flashing	OFF	Charger pre-charges battery until normal voltage is reached, then begins fast charge mode.
 <b>Defective</b>			
Defective	Flashing	Flashing	Battery pack or charger is defective.
<ul style="list-style-type: none"> <li>If defective, try to repeat the conditions a second time by removing and reinstalling the battery pack. If the LED status repeats a second time, try charging a different battery.</li> <li>If a different battery charges normally, dispose of the defective pack (see Maintenance section).</li> <li>If a different battery also indicates "Defective," the charger may be defective.</li> </ul>			
 <b>Charging</b>			
Fast charging	ON	Flashing	
 <b>Full</b>			
	OFF	ON	Fast charging is complete; charger maintains charge mode.
 <b>Port Error</b>			
Without battery pack	Flashing	Flashing	Red LED flashing, Green LED flashing , alternating — battery port is defective.

## OPERATION

### BLUE LED (ENERGYSTAR) STATUS BUTTON

Charger has blue LED status button to indicate power on



- When batteries are charging, the blue LED status button will maintain a full and constant brightness.
- While batteries are in maintenance mode, the blue LED status button will slowly pulse. When maintenance mode is complete, charger goes into energy save mode.
- Blue LED status button will maintain a fluctuating pulse while in energy save mode. When batteries are not being charged, maintained or when the charger does not hold any batteries.

**NOTE:** Battery port LEDs will turn off during maintenance mode and energy save mode.

- Charger awakens from energy save mode when status button is pressed or automatically after 5 days in energy save mode.

### BATTERY PORT LEDS

- Red LED on, Green LED off = Battery installed.
- Red LED flashing, Green LED off = Battery is being tested.
- Red LED on, Green LED flashing = Battery is charging.
- Red LED off, Green LED on = Battery is fully charged.

- Red LED flashing, Green LED flashing, simultaneously = Battery is defective.
- Red LED flashing, Green LED flashing, alternating = Battery port is defective.

## MAINTENANCE AND REPAIRS



### Risk of injury

Service, testing and repairs should only be carried out by authorised service centres.

We recommend our customer service department or authorised service centres.

## STORAGE

Store your charger in a cool dry place between 10 & 25°C. It is not recommended to leave it in a cold works van overnight. Ensure no metal filings or swarf can fall into the vents during storage, as this may cause serious injury when it is next used.

**TECHTRONIC INDUSTRIES AUSTRALIA PTY LIMITED**  
**GUARANTEE**



Subject to the guarantee condition below, this Ryobi tool (hereinafter called "the product") is guaranteed by TECHTRONIC INDUSTRIES AUSTRALIA PTY LIMITED (hereinafter called "the Company") to be free from defects in material or workmanship for a period of 24 months from the date of original purchase covering both parts and labour. Under the terms of this guarantee, the repair or replacement of any part shall be the opinion of the Company or its authorised Service centre. Should service become necessary during the warranty period, the owner should contact the customer service HELPLINE 1300 361 505 or contact the retailer from whom the product was purchased. In order to obtain guarantee service, the owner must present the sales docket and Guarantee Certificate to confirm date of purchase. This product is sold by the dealer or Service centre as principal and the dealer has no authority from the Company to give any additional guarantee on the Company's behalf except as herein contained or herein referred to.

**Guarantee Conditions**

This guarantee only applies provided that the Product has been used in accordance with the manufacturer's recommendations under normal use and reasonable care (in the opinion of the Company) and such guaran-

tee does not cover damage, malfunction or failure resulting from misuse, neglect, abuse, or used for a purpose for which it was not designed or is not suited and no repairs, alterations or modifications have been attempted by other than an Authorised Service centre. This guarantee will not apply if the tool is damaged by accident or if repairs arise from normal wear and tear. The Company accepts no additional liability pursuant to this guarantee for the costs of travelling or transportation of the Product or parts to and from the service dealer or Service centre - such costs are not included in this guarantee.

Certain legislation, including the Trade Practices Act, 1974 (as amended) and other state and territorial laws give rights to the buyer and impose liability on the seller in certain circumstances. Nothing herein shall have the effect of excluding, restricting or modifying any condition, guarantee, right or liability imposed, to the extent only that such exclusion, restriction or modification would render any term herein void.



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For your record and to assist in establishing date of purchase (necessary for in-guarantee service) please keep your purchase docket and this form completed with the following particulars.

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Address Of Dealer \_\_\_\_\_

Date \_\_\_\_\_ Model No \_\_\_\_\_ Serial No \_\_\_\_\_

Present This Form With Your Purchase Docket When Guarantee Service Is Required.