

# RYOBI®

ORIGINAL INSTRUCTIONS

## 36V Lithium-Ion Battery

BPL3650



## SAFETY INSTRUCTIONS

Always mention the model number when communicating with Ryobi in regards to battery packs. BPL3650 battery pack is for Ryobi 36V cordless products only. Refer to the Operator's Manual provided with product.

### ⚠ 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.

- **Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards when not using your battery tool or when changing accessories.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not place battery tools or their batteries near fire or heat.** This will reduce the risk of possible injury.
- **Do not crush, drop or damage the battery pack. Do not use a battery pack or charger that has been dropped or received a sharp blow.** Properly dispose of a dropped or damaged battery immediately.
- **Do not charge battery tool in a damp or wet location.** Following this rule will reduce the risk of electric shock.
- **For best results,** your battery tool should be charged in a location where the temperature is more than 10°C but less than 38°C. To reduce the risk of serious personal injury, do not store outside or in vehicles.
- **Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water, then neutralize with lemon juice or vinegar. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention.** Following this rule will reduce the risk of serious personal injury.
- **Save these instructions.** Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, loan them these instructions also to prevent misuse of the product and possible injury.

## BATTERY TOOL USE AND CARE

- **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.
- **Use battery tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **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.

- **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.

## TRANSPORTING LITHIUM BATTERIES

Transport the battery in accordance with local and national provisions and regulations.

Follow all special requirements on packaging and labelling when transporting batteries by a third party. Ensure that no batteries can come in contact with other batteries or conductive materials while in transport by protecting exposed connectors with insulating, non-conductive caps or tape. Do not transport batteries that are cracked or leaking. Check with the forwarding company for further advice.

Please note the 36V 5.0Ah battery is classified under Dangerous Goods 9, which requires special attention when transporting. Please check your local and national provisions and regulations for further information on transporting and storing.

## SPECIFICATIONS

|                                   |                            |
|-----------------------------------|----------------------------|
| Battery pack                      | BPL3650                    |
| Voltage                           | 36 V                       |
| Compatible charger (not included) | BCL3620                    |
| Battery capacity                  | 5.0 Ah                     |
| Charger input                     | 220V-240V, 50Hz<br>AC only |

Maximum charging time (BCL3620) 200 minutes

Quick recharge



(120 minutes)

## OPERATION

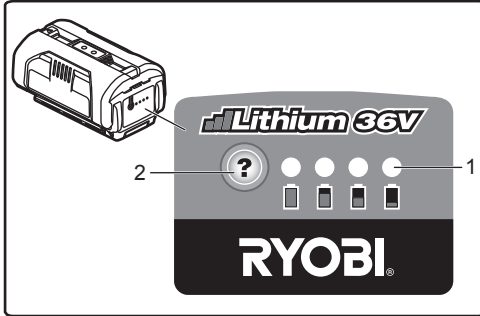
### FUEL GAUGE

See figure

To display the amount of charge left in the battery, press the fuel gauge button.

- If four LEDs glow green, the battery pack is fully charged. The battery pack capacity is between 75%-100%.
- If three LEDs glow green and one is off, the battery pack capacity is between 50%-75%.
- If two LEDs glow green and other two are off, the battery pack capacity is between 25%-50%.
- If only one LED glows green and others are off, the battery pack capacity is lower than 25%. In this case, the battery pack can be used as usual until automatically turned off by the control program.

If only one LED glows green but battery pack can not release power, the battery pack needs to be charged.



1. LED
2. Fuel gauge button

### BATTERY PROTECTION FEATURES

Ryobi 36 V LITHIUM-ION batteries are designed with features that protect the LITHIUM-ION cells and maximise battery life. If the tool stops during use, the following may be the causes:

- a. The maximum current draw of the battery has been exceeded, causing it to automatically stop powering the tool. Release the trigger to reset the tool and pull the trigger to resume operation.
- b. Excessive temperatures will cause the battery to stop powering the tool. Feel the battery pack; if it is too warm, allow it to cool down.

If the tool still does not work, recharge the battery.

**NOTE:** The battery pack indicator LED will not work if the battery protection feature has caused the battery pack to stop powering the tool. Release the tool trigger or remove the battery pack from the tool and the battery pack LED indicator will resume normal function.

### CHARGING THE BATTERY PACK

Battery packs 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.

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.

### TO CHARGE

- Use battery pack only with the recommended charger.
- Connect the charger to the power supply. Make sure the power supply is normal household voltage, 220-240 volts, AC only, 50 Hz.
- Make sure the latch of the battery pack snap into place and the battery pack is secured in the charger before beginning operation.
- Slide the battery pack along the groove of the charger.
- Press down on the battery pack to be sure contacts on the battery pack engage properly with contacts in the charger.

- 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.
- The battery pack will become slightly warm to the touch while charging. This is normal and does not indicate a problem.
- After charging is complete, the charger green LED will remain on until either the battery pack has been removed from the charger or the charger has been removed from the power supply.
- After charging is complete, the battery pack indicator LED will remain on 1 min then turn off. But if the battery pack has been removed from the power supply, the battery pack indicator LED will turn off.
- When batteries become fully charged, unplug the charger from the power supply and remove the battery pack.
- To remove the battery pack from the charger, depress the latch of the battery pack.

### CHARGING A HOT BATTERY PACK

If the battery pack is above normal temperature range, the red LED will begin flashing and the green LED will be off. When the battery pack cools down to approximately 50°C, the charger will automatically begin fast charge mode.

### CHARGING A COOL BATTERY PACK

If the battery pack is below normal temperature range, the red LED will begin flashing and the green LED will be off. When the battery warms to a temperature of more than 0°C, the charger will automatically begin charge mode.

### COLD WEATHER OPERATION

The LITHIUM-ION battery pack can be used in temperatures down to -20°C. Put the battery pack on a tool and use the tool in a light duty application. After about a minute, the pack will have warmed up and begin operating normally.

### BATTERIES

These batteries have been designed to provide maximum trouble-free life. However, like all batteries, they will eventually wear out. Do not disassemble battery pack and attempt to replace the batteries. Handling of these batteries, especially when wearing rings and jewelry, could result in a serious burn.

To obtain the longest possible battery life, we suggest the following:

- Remove the battery pack from the charger once it is fully charged and ready for use. For battery pack storage longer than 30 days:
  - Store the battery pack where the temperature is below 27°C and away from moisture.
  - Store battery packs in a 30%-50% charged condition.
  - Every six months of storage, run battery down by minimum 20% then charge the pack as normal.

## BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

To preserve natural resources, please recycle or dispose of batteries properly.

This product contains LITHIUM-ION batteries. Local, state or federal laws may prohibit disposal of LITHIUM-ION batteries in ordinary trash.

Consult your local waste authority for information regarding available recycling and/or disposal options.

### WARNING

Upon removal, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. LITHIUM-ION batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.

## ENVIRONMENTAL PROTECTION



Recycle raw materials instead of disposing of as waste. The machine, accessories and packaging should be sorted for environmental-friendly recycling.

## SYMBOL



Safety alert



Please read the instructions carefully before starting the machine.



Li-Ion

Recycle Li-Ion batteries



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.









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