



RY36BI1800A



IMPORTANT!

It is essential that you read the instructions in this manual before assembling, operating, and maintaining the product.

Subject to technical modification.

Safety, performance, and dependability have been given top priority in the design of your cordless power hub inverter.

INTENDED USE

The product may be used for the following purposes:

- operating and charging USB-powered devices
- supplying electrical power for operating compatible AC appliances and devices

The product provides USB A and USB C ports. The main power button must be on for the USB ports to be active. The USB A ports supply 5 V d.c. (up to 2.1 A) charging power. The USB C ports supply 5 V d.c. (up to 3 A), 12 V d.c. (up to 3 A), 20 V d.c (up to 3 A) charging power.

NOTE: The USB-dedicated charging ports provide power only; they do not provide any communication capabilities. Suitable USB cables are purchased separately.

The product is intended for indoor use only. Do not use the product for any other purpose.

There may be regulations, local codes, or ordinances that apply to the intended use of the product. Consult a qualified electrician, electrical inspector, or the local agency having jurisdiction:

- In some areas, power inverters are required to be registered with local utility companies.
- If the product is used at a construction site, there may be additional regulations that must be observed.

GENERAL SAFETY WARNINGS

- Save these instructions. Refer to them frequently and use them to instruct others who may use this product. If you loan someone the product, loan them these instructions also.
- The product should be operated only with the battery packs specified in this manual. When using a battery-operated product, basic safety precautions should always be followed to reduce the risk of fire, leaking batteries, and personal injury.
- Never allow children or people with reduced physical, sensory, or mental capabilities, or persons who are not familiar with these instructions to operate, clean, or maintain the product. Local regulations may restrict the age of the operator. Children should be adequately supervised to ensure that they do not play with the product.
- Stay alert, watch what you are doing, and use common sense when operating the product. Do not operate the product while tired, ill, or under the influence of drugs, alcohol, or medication. A lapse in concentration while operating the product may result in serious personal injury.
- Do not operate the product in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Do not expose the product to rain or wet conditions. Water entering the product increases the risk of electric shock.

- Never block the air vents. Blocked vents may cause overheating. The product automatically turns off when overheated.
- Keep the product cool. Do not place the product near heat vents or in direct sunlight.
- Do not use the product if it has been dropped or received a sharp blow. A damaged power source increases the risk of fire.
- Do not put foreign objects into the product.
- Do not use any attachments or accessories that are not recommended by the manufacturer of the product. The use of an attachment not recommended by the manufacturer may result in a risk of fire, electric shock, or injury to persons.
- Operate the product using only the AC power type listed in the product specifications.
- Do not use the product with electrical cords that are worn, frayed, bare, or damaged. Do not power devices with damaged or frayed power cords.
- Do not touch bare wire or receptacles.
- To reduce the risk of damage to the electric plug and cord, pull by the plug rather than the cord when disconnecting the charger from the product.
- Use caution when plugging and unplugging other devices into the product. Do not force plugs into the product.
- If the product is used in a manner not specified by the manufacturer, the protection provided by the product may be impaired.
- Do not overload the product. The product must be used for powering devices less than the product rating.
- Ensure that the cable size of the extension cord is capable of carrying the required load. Inadequate cable size can cause a voltage drop, which can damage the product and overheat the cord.
- The operating voltage and frequency requirements of all electronic equipment should be checked before plugging them into the product. Powering equipment that is not designed to operate within a $\pm 10\%$ voltage variation and ± 3 Hz frequency variation from the product nameplate ratings may result in damage to the equipment. To avoid damage, always have an additional load plugged into the product if solid-state equipment (such as a television set) is used. A power line conditioner is recommended for some solid-state applications.

POWER HUB INVERTER SAFETY WARNINGS

- Risk of electric shock. When using a grounded appliance, the product does not provide an electrical path to earth ground. Do not power devices that are damaged or with damaged or frayed power cords.
- Be extra cautious to reduce the risk of dropping a metal tool onto the product. Dropping a tool onto the product might cause a spark or short-circuit the battery pack or other electrical part and may cause an explosion.
- Do not use multiple sockets. Connect only one device to each AC outlet.
- Do not wire the product into an AC distribution circuit.
- Do not hard-wire the product into a circuit.
- Do not use the product to provide power for emergency medical equipment or life support devices.

- Do not use the product to jump-start vehicles. Doing so could result in damage to the vehicle or its electrical components.
- The product must not be connected to other power sources except with another power hub inverter with the same model using the parallel kit.
- The product should only be used on flat, level, stable surfaces and should be secured when possible. Do not pull at cords that can cause the product to tip over.
- Use RYOBI 36V MAX POWER battery packs only. Do not use battery packs from other manufacturers.
- Operate the product only in temperatures between 0 °C and 40 °C.
- Remove the battery pack from the product when not in use.

BATTERY SAFETY WARNINGS

- Never smoke or allow a spark or flame near the battery pack.
- Remove personal metal items, such as rings, bracelets, necklaces, and watches when working with a battery. A battery can produce a short-circuit current high enough to weld a ring or the like to metal, causing a severe burn.
- 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.
- Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion, or risk of injury.
- Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C may cause an explosion.
- To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse the product, battery pack, or charger in fluid or allow 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.

CHARGER SAFETY WARNINGS

- Follow all charging instructions, and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.
- 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.
- Do not try to charge non-rechargeable batteries with the product.

TRANSPORTATION AND STORAGE

- Turn off the product, and remove the battery pack. Allow the product to cool down before storing or transporting.
- Remove all foreign materials from the product. Store the product in a cool, dry, and well-ventilated place that is inaccessible to children. Keep the product away from

corrosive agents such as garden chemicals and de-icing salts. Do not store the product outdoors.

- For transportation in vehicles, remove the battery pack, and secure the product against movement or falling to prevent injury to persons or damage to the product.

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.

MAINTENANCE

- Use only original manufacturer's replacement parts, accessories, and attachments. Failure to do so can cause possible injury, can contribute to poor performance, and may void your warranty.
- Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. Have the product serviced by an authorised service centre only.
- You may make adjustments and repairs described in this manual. For other repairs, have the product serviced by an authorised service centre only.
- To reduce the risk of electric shock, unplug the product from the outlet before attempting any instructed servicing.
- Do not disassemble the product, take it to an authorised service centre if repair is required. Incorrect reassembly may result in a risk of fire or electric shock.
- Turn off the product and remove the battery pack before any cleaning or maintenance task.
- After each use, clean the plastic parts with a soft, dry cloth. Any part that is damaged should be properly repaired or replaced by an authorised service centre.
- Do not at any time, let brake fluids, gasoline, petroleum-based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken, or destroy plastic, which could result in serious personal injury.
- Do not use water to clean the product.

KNOW YOUR PRODUCT

See page 9.

1. USB A charging ports
2. USB C charging ports
3. LCD panel
4. Area/warning light
5. Carry handle
6. Battery port LED
7. Battery port
8. Task light control button
9. LCD backlight control button
10. BLUETOOTH pairing / session runtime button
11. AC output/reset button
12. Main power / restart button
13. Charger
14. Parallel kit terminals

- 15. AC outlets
- 16. Charger input jack
- 17. Battery pack
- 18. Parallel kit cable

SYMBOLS ON THE PRODUCT



Safety alert



Read and understand all instructions before operating the product. Follow all warnings and safety instructions.



The product is a potential source of electric shock. Do not expose the product to moisture, rain, or snow. Do not operate the product with wet hands or feet.



Do not expose the product to rain or damp condition.



Indoor use only

IP20

Ingress protection rating



European Conformity Mark



British Conformity Mark

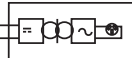


EurAsian Conformity Mark



Ukraine Conformity Mark

001



Isolated inverter



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.

**5/12/20
VDC**

USB C output

2.1A 5VDC

USB A output



Main power/restart button



Charger input jack

**230V AC
7A MAX**

Maximum AC output



Task light control button



LCD backlight control button



BLUETOOTH pairing button



AC output/reset button



Parallel kit terminals



Class II: Protection against electric shock rely on double insulation or reinforced insulation.



Time-lag type fuse

SYMBOLS IN THIS MANUAL



Parts or accessories sold separately



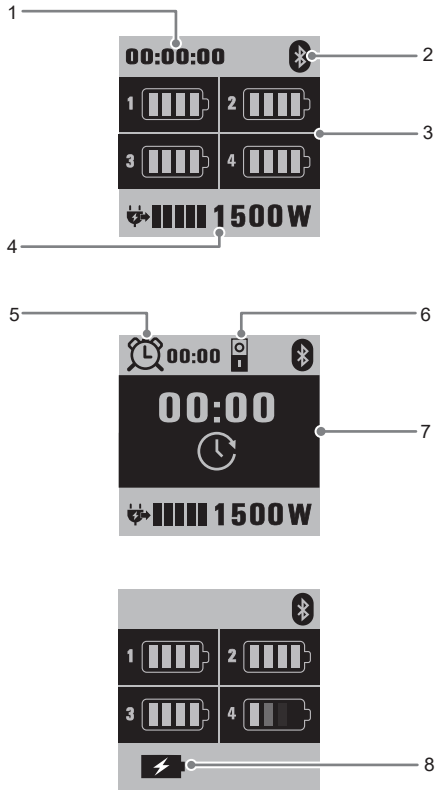
Note



Warning






LCD SCREEN OVERVIEW

The LCD screen displays the status and condition of the product.



1. Session runtime - indicates the current runtime of the product.
2. BLUETOOTH connection - indicates that BLUETOOTH connection is active. The product is paired with a BLUETOOTH enabled iOS or Android device.
3. Battery status - displays the status of the battery packs installed in the product.
4. Output power - displays the working output power of the product.
5. Shutdown timer (activated by the BLUETOOTH application) - if the timer is active, the screen displays the remaining time before the product turns off.
6. Shut down timer on/off - indicates that the shut down timer is on or off.
7. Session runtime (with active timer) - displays the current runtime of the product while the timer is active. To display the session runtime while the timer is active, press the session runtime button.
8. Charging status - indicates that the product is charging a battery pack. Only one battery pack is charged at one time. The active battery bar flashes to indicate which battery pack is charging.

BATTERY PORT LED FUNCTIONS

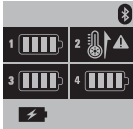
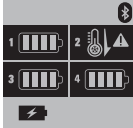

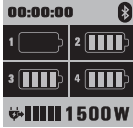

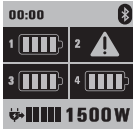

LED indicator	Battery pack status	Red LED	Green LED	Description	
	Power	Without battery pack	Solid	-	Ready to charge the battery pack
	Testing	Hot battery pack	Flashing	-	When the battery pack reaches cooled temperature, the charger begins charge mode.
		Cold battery pack	Flashing	-	When the battery pack reaches warmed temperature, the charger begins charge mode.
	Error	Error	Flashing	Flashing	Battery pack or charger error
		Deeply discharged	Flashing	-	The charger conditions the battery pack until normal voltage is reached, then begins charge mode.
		<ul style="list-style-type: none"> ■ Reinstall the battery pack. If the LED status repeats a second time, try charging a different battery. ■ If a different battery charges normally, dispose of the defective pack (see the battery pack manual for instructions). ■ If a different battery pack also indicates an error, replace the charger. 			
	Charging	Fast charging	-	Flashing	The battery is charging.
	Ready	Battery full	-	Solid	Charging is complete.

TROUBLESHOOTING

Problem	Possible cause	Solution
The product does not turn on.	The battery pack is not charged.	Recharge the battery pack.
	The main power button was released too quickly.	Press and hold the main power button for 2 seconds.
The AC receptacle does not work.	The AC output is not active or the AC power button was released too quickly.	Press and hold the AC output button for 2 seconds.
	The charger is connected.	There is no power output (AC and USB) while the product is charging. Disconnect the charger after the battery packs are fully charged.
	The connected device is defective.	Try a different device.
	The product is overloaded.	Remove the loads and press the AC output button to reset the power hub.
The product unexpectedly turns off.	The battery pack temperature is outside of the normal operating range.	Make sure that the battery pack temperature is between -20 °C and 49 °C.
	The battery pack has low or no charge.	Recharge the battery pack.
	The battery packs are faulty.	Have the product serviced by an authorised service centre.
The charger does not work.	The battery pack temperature is outside of normal operating range.	Make sure that the battery pack temperature is between 0 °C and 45 °C.
	The connection between the battery pack and inverter is not good.	Reinstall the battery pack. If problem persists, use another battery pack.
	The charger's voltage is outside the normal range.	Use another charger.
	The battery pack is defective.	Use another battery pack.

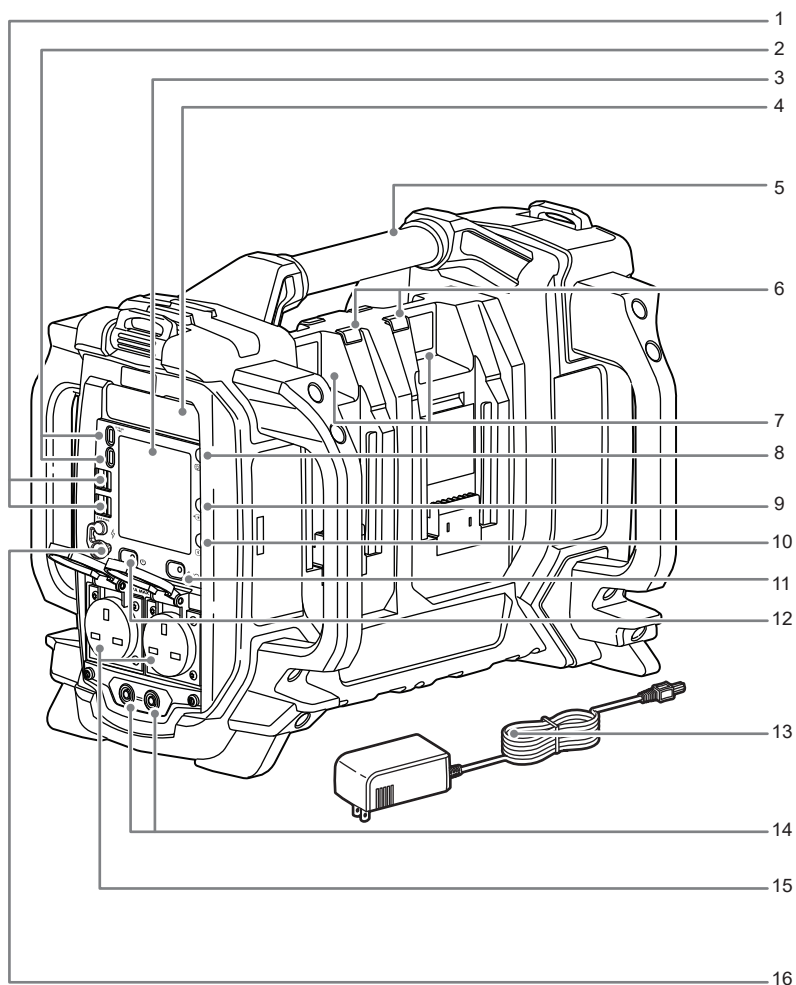
If the problem persists after trying the above solutions, contact your nearest authorised service centre for assistance.

ERROR MESSAGE NOTIFICATIONS

Error Message	Possible cause	Solution
	<p>High temperature or Low temperature</p> <p>(when the battery pack is installed for charging)</p>	<p>The battery pack is outside the acceptable charging temperature range.</p> <p>Allow the battery pack to reach the acceptable charging temperature range. The battery may need to be removed from the port and reinstalled to begin charging.</p>
	<p>Incompatible battery pack (displays on the specific battery pack slot)</p>	<p>The installed battery pack is not compatible with the product.</p> <p>Remove the incompatible battery pack. For a list of compatible battery packs, refer to the "Compatible battery packs and power output" section.</p>
	<p>Battery pack is low. (displays on the specific battery pack slot)</p>	<p>The battery charge is low.</p> <p>Recharge the battery pack.</p>
	<p>No battery pack in slot. (displays on the specific battery pack slot)</p>	<p>There is no battery pack installed. The battery pack is not properly installed.</p> <p>Remove and reinstall the battery pack.</p>
	<p>Battery fault (displays on the specific battery pack slot)</p>	<p>There are protection features triggered in the battery pack. The communication between the inverter and battery pack fails during charging. The battery pack is defective.</p> <p>Wait until the protection feature is disabled or when the LCD no longer displays error message. Use another battery pack.</p>
	<p>Overloaded Remove load and press reset</p>	<p>The inverter output wattage exceeds normal operating range.</p> <p>Remove the load and press the reset button to reset the AC output.</p>
	<p>Overloaded Press reset</p>	<p>The inverter is overloaded.</p> <p>Press the reset button to reset the AC output.</p>

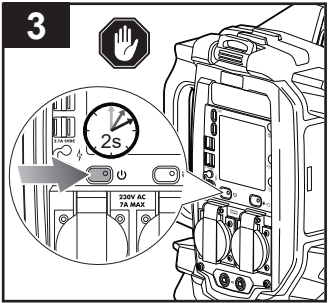
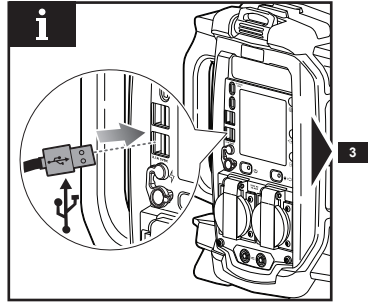
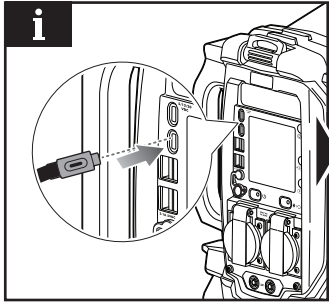
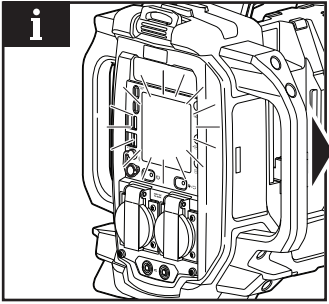
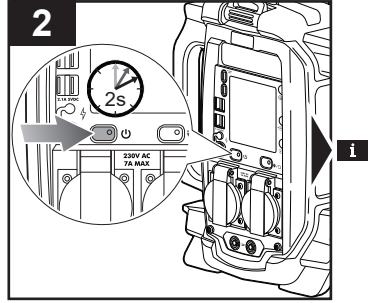
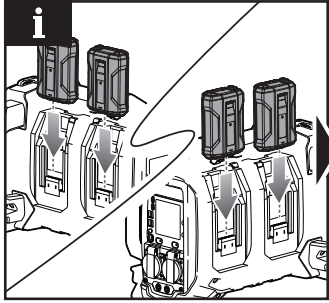
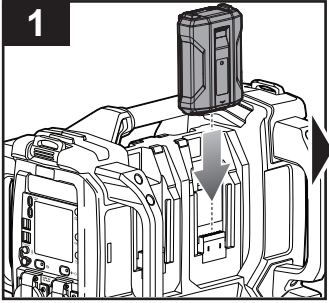
	<p>Heat overload Press reset</p>	<p>The inverter temperature is out of the normal operating range.</p>	<p>Allow the product to cool down and reach the normal operating temperature. Press the reset button to reset the AC output.</p>
	<p>High temperature warning or Low temperature warning</p>	<p>The product is nearing the maximum high or minimum low operating temperature.</p>	<p>Allow the product to cool down or warm up as needed to an acceptable temperature, then press the AC output button to continue operation.</p>
	<p>Press reset</p>		
	<p>High temperature shutdown or Low temperature shutdown</p>	<p>The product is outside of the normal operating temperature range.</p>	<p>Move the product to a cooler or warmer area as needed, and allow the product to reach the acceptable operating temperature.</p>
	<p>Low voltage warning Press reset</p>	<p>The battery packs do not have sufficient charge to run the connected devices.</p>	<p>Disconnect some of the devices. If condition persists, disconnect all devices, and recharge the battery packs.</p>
	<p>Low voltage shutdown</p>	<p>The battery packs are discharged.</p>	<p>Recharge the battery pack. If issue persists, replace the battery packs.</p>
	<p>System fault</p>	<p>There is an internal communication error.</p>	<p>Visit www.ryobitools.eu. Call an authorised service centre.</p>

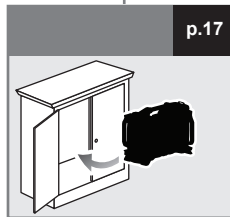
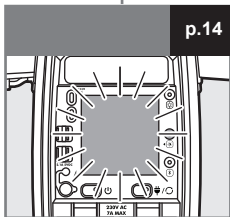
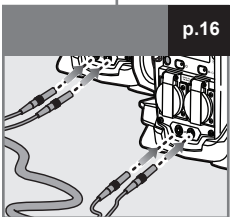
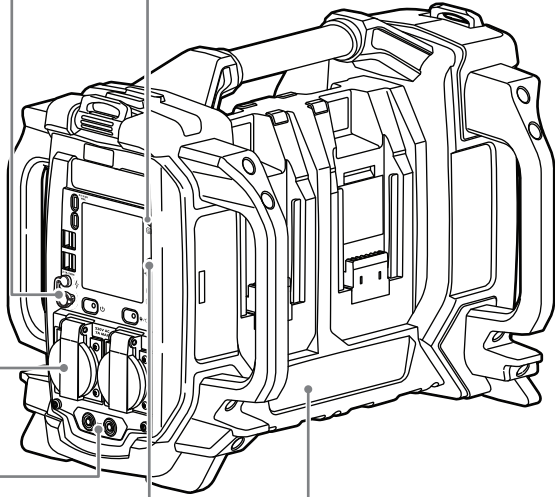
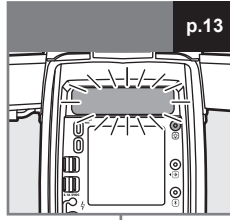
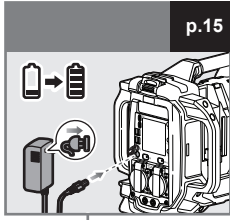
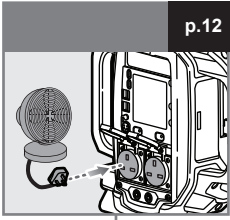
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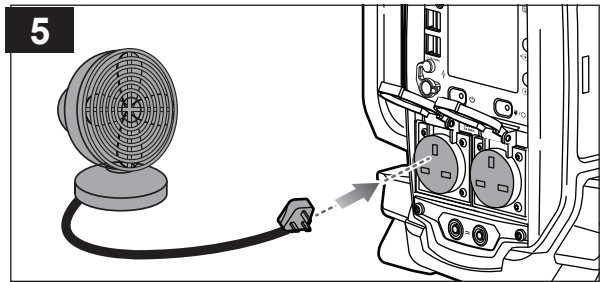
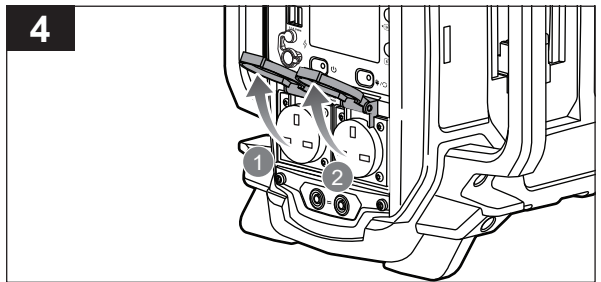
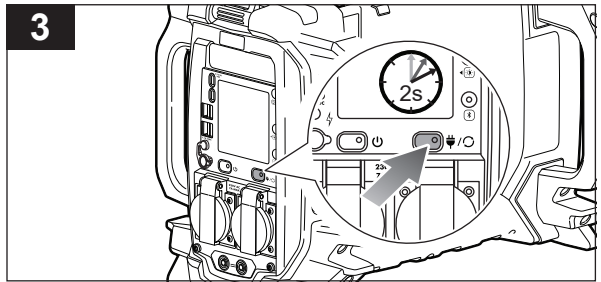
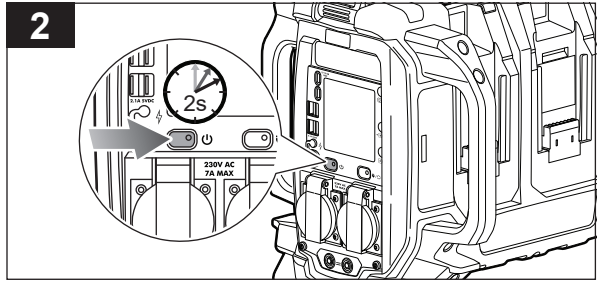
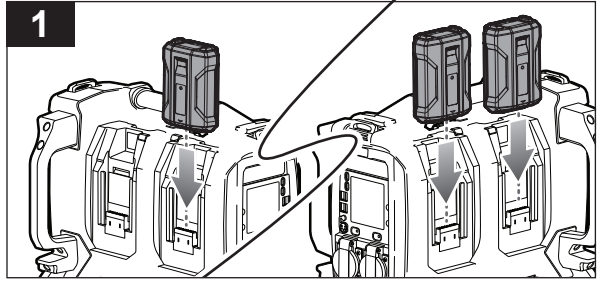
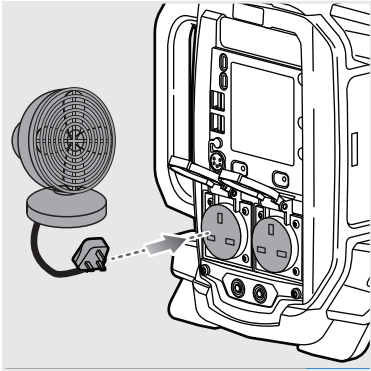


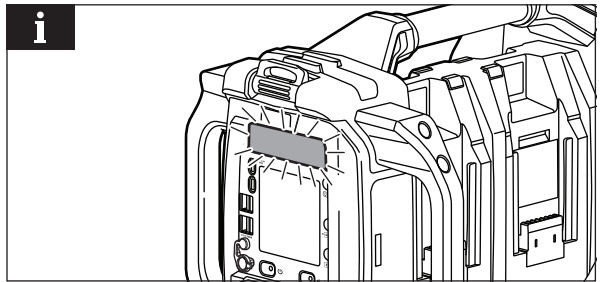
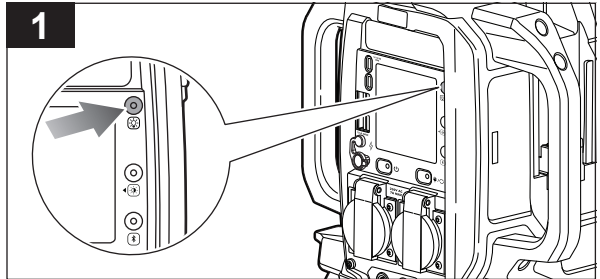
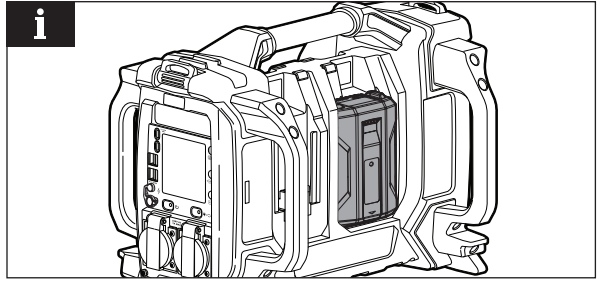
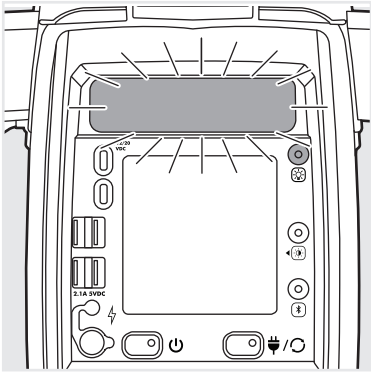
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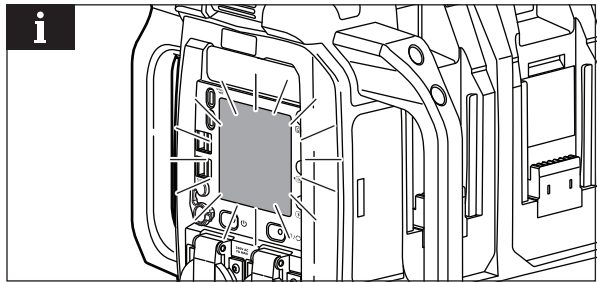
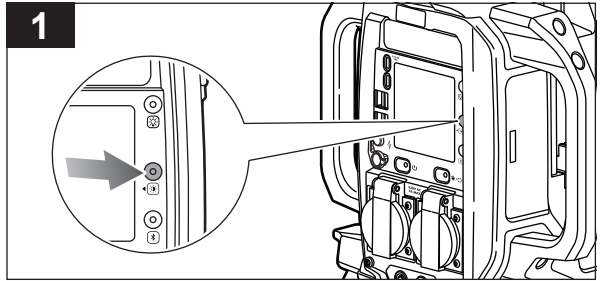
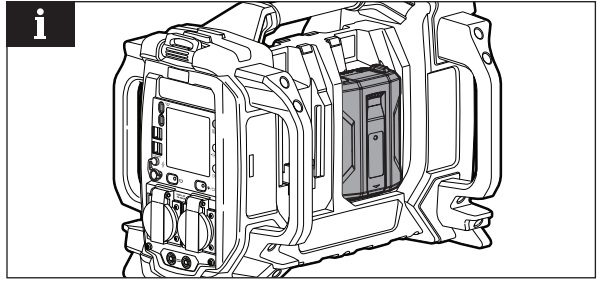
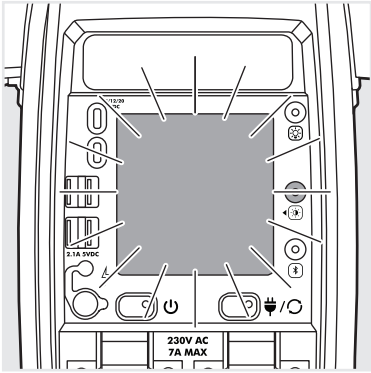


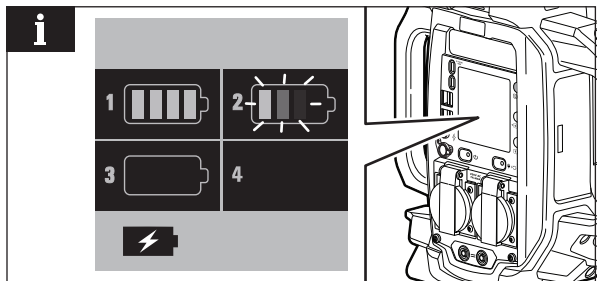
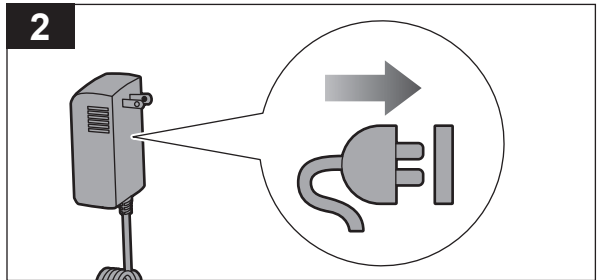
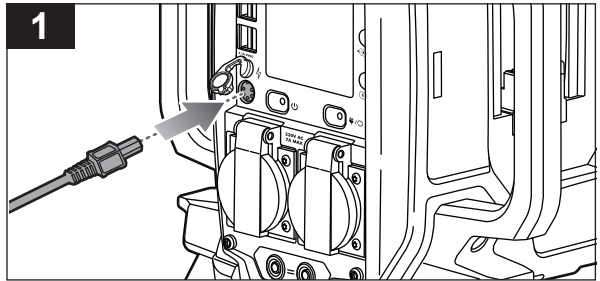
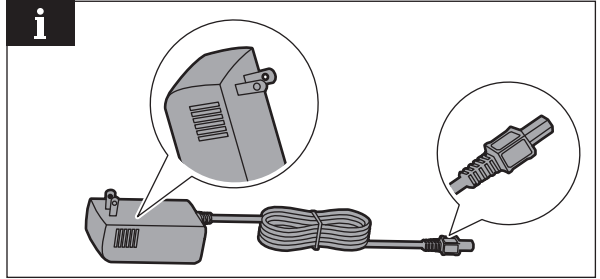
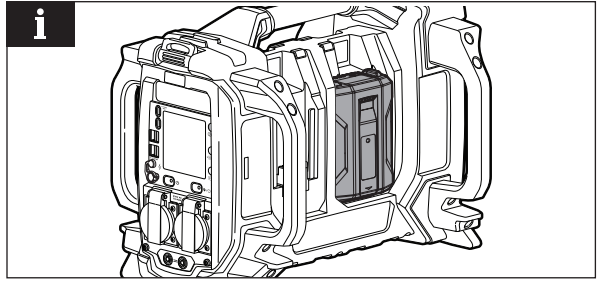
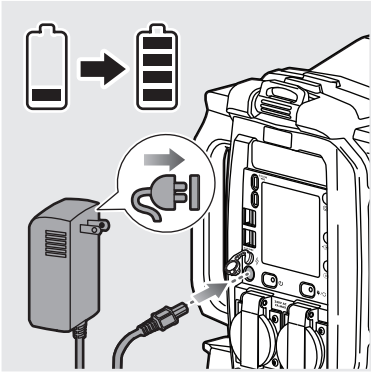


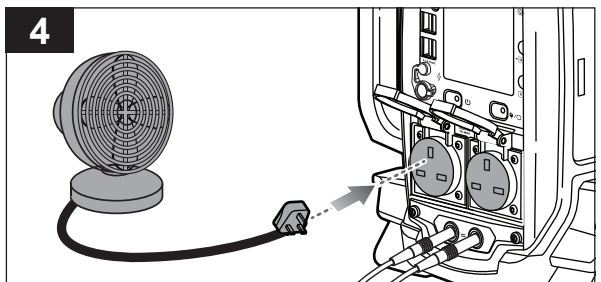
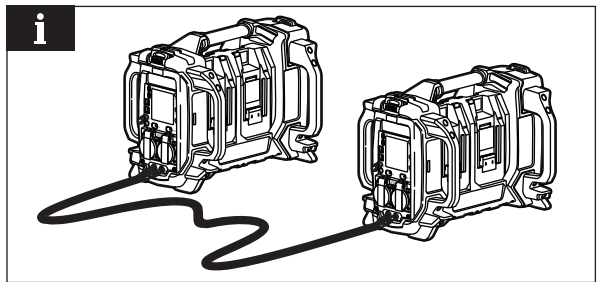
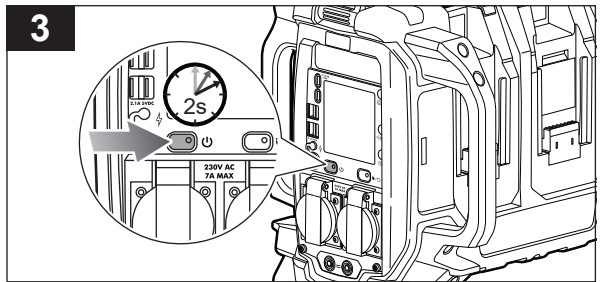
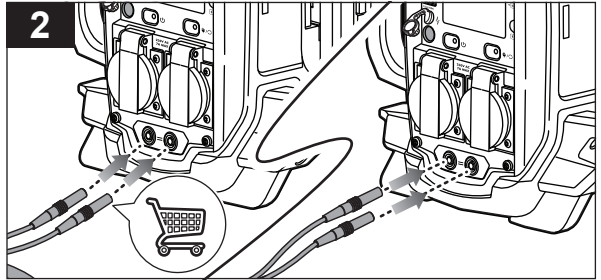
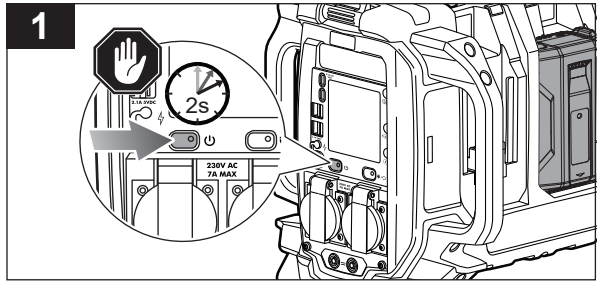
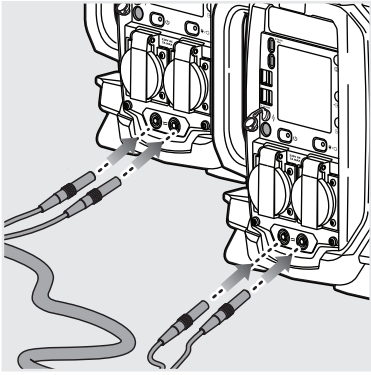


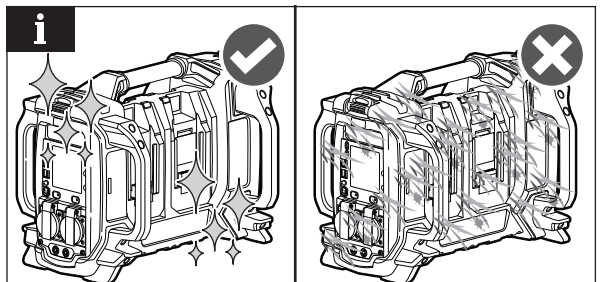
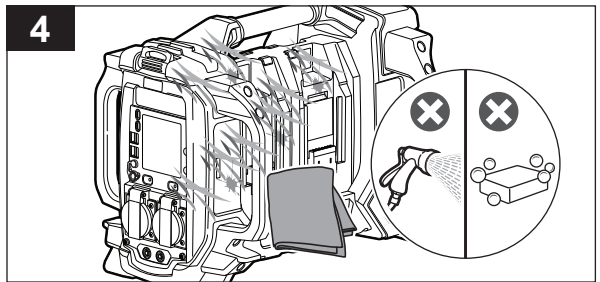
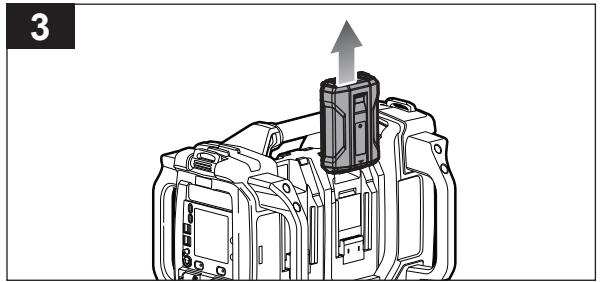
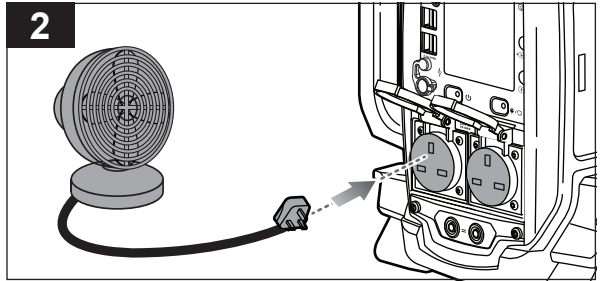
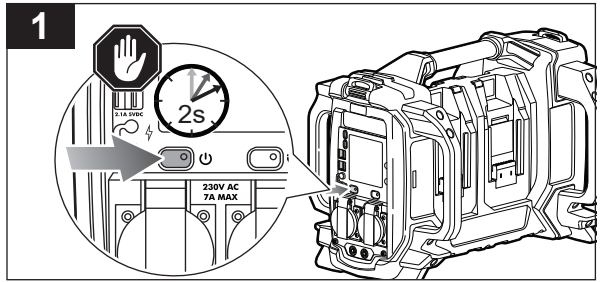
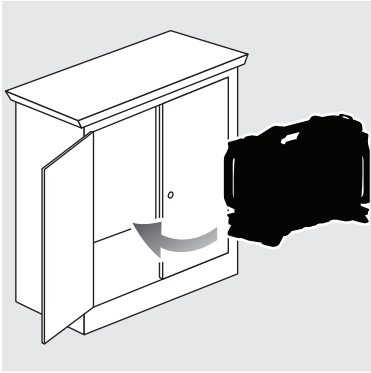






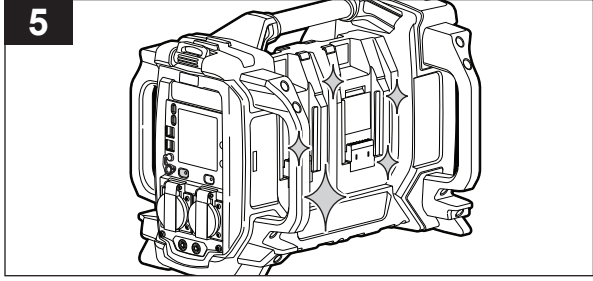




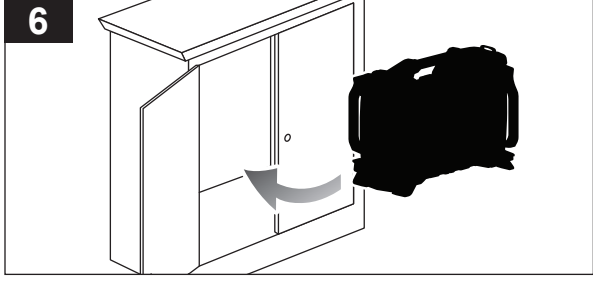




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PRODUCT SPECIFICATIONS

Cordless power hub inverter	
Model	RY36BI1800A
Rated input voltage	36 V d.c.
DC output	
USB A (port 1 + port 2)	5 V d.c.
Total current	2.1 A
USB A (port 3 + port 4)	5 V d.c.
Total current	2.1 A
USB C (each port)	5 V d.c., 3A / 12 V d.c., 3A / 20 V d.c., 3 A
AC Output	230 V a.c., 50 Hz
Power output	
Rated AC power output	1600 VA (1800 VA < 3 min)
Surge (starting) power	4500 VA
Charger	
Charger input	230 V a.c., 50 Hz
Charger output	36 V d.c.

BATTERY AND CHARGER

Model	RY36BI1800A-0	RY36BI1800A-250
Battery pack	-	BPL3650D2 x 2
Charger	720423005	
Compatible chargers	BCL36.., RY36..	

ACCESSORIES

Parallel kit	RAC792
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COMPATIBLE BATTERY PACKS AND POWER OUTPUT

The working AC power output depends on the battery capacity and the number of battery packs installed in the product.

Compatible battery packs	No. of cell for battery	Battery pack capacity	Number of battery packs and power output			
			x 1	x 2	x 3	x 4
BPL3620D	10	2.0 Ah	700 VA	1500 VA	1600 VA (1800 VA < 3 min)	1600 VA (1800 VA < 3 min)
BPL3640D BPL3640D2	20	4.0 Ah	1350 VA	1600 VA (1800 VA < 3 min)	1600 VA (1800 VA < 3 min)	1600 VA (1800 VA < 3 min)
BPL3650D BPL3650D2	20	5.0 Ah	1350 VA	1600 VA (1800 VA < 3 min)	1600 VA (1800 VA < 3 min)	1600 VA (1800 VA < 3 min)
RY36B60A	30	6.0 Ah	1400 VA	1600 VA (1800 VA < 3 min)	1600 VA (1800 VA < 3 min)	1600 VA (1800 VA < 3 min)
RY36B90A	30	9.0 Ah	1450 VA	1600 VA (1800 VA < 3 min)	1600 VA (1800 VA < 3 min)	1600 VA (1800 VA < 3 min)
RY36B12A	30	12 Ah	1550 VA	1600 VA (1800 VA < 3 min)	1600 VA (1800 VA < 3 min)	1600 VA (1800 VA < 3 min)

NOTE: In order to achieve 1800 VA for 3 minutes and then 1600 VA of continuous power, a minimum of two 4.0 Ah battery packs must be used.

RYOBI® WARRANTY APPLICATION CONDITIONS

In addition to any statutory rights resulting from the purchase, this product is covered by a warranty as stated below.

1. The warranty period is 24 months for consumers and commences on the date when the product was purchased. This date has to be documented by an invoice or other proof of purchase. The product is designed and dedicated to consumer and private use only. So there is no warranty provided in case of professional or commercial use. This warranty applies only on new products.
2. There is a possibility to extend for a part of the range of power tools (AC/DC) the warranty period over the period described above using the registration on the www.ryobitools.eu website. The eligibility of products for extended warranty is clearly displayed in stores and / or on packaging and is contained within the product documentation. The end user is required to register his/her newly-acquired products online within 30 days from the date of purchase. The end user may register for the extended warranty in his/her country of residence if listed on the online registration form where this option is valid. Furthermore, end users must give their consent to the storage of their personal data that is required to be entered online. They must also accept the terms and conditions. The registration confirmation receipt, which is sent out by e-mail, and the original invoice showing the date of purchase will serve as proof of the extended warranty.
3. The warranty covers all defects of the product during the warranty period due to faults in workmanship or material at the purchase date. The warranty is limited to repair and/or replacement and does not include any other obligations including but not limited to incidental or consequential damages. The warranty is not valid if the product has been misused, used contrary to the instruction manual, or has been incorrectly connected to a power supply. This warranty does not apply to:
 - any damage to the product that is the result of improper or lack of maintenance
 - any product that has been altered or modified
 - any product where original identification (trade mark, serial number) markings have been defaced, altered or removed
 - any damage caused by non-observance of the instruction manual
 - any product not displaying the CE approval mark on the rating plate
 - any product that has been attempted to be repaired by a non-authorised warranty service centre or without prior authorisation by Techtronic Industries
 - any product connected to improper power supply (amps, voltage, frequency)
 - any product used with inappropriate fuel mixture (fuel, oil, ratio of oil/ fuel mixture)
 - any damage caused by external influences (water, chemical, physical, shocks) or foreign substances
 - normal wear and tear spare parts
 - inappropriate use, overloading of the tool
 - use of non-approved accessories or parts
 - Accessories provided with the tool or purchased separately including but not limited to blades, saw chains, cutting lines, etc.
 - Any periodic adjustments to or maintenance cleaning of carburetors
 - Components (parts and accessories) subject to natural wear and tear, including but not limited to bump knobs, drive belts, clutch, blades of hedge trimmers or lawn mowers, harness, cable throttle, carbon brushes, power cord, tines, felt washers, hitch pins, blower fans, blower and vacuum tubes, vacuum bag and straps, guide bars, saw chains, hoses, connector fittings, spray nozzles, wheels, spray wands, inner reels, outer spools, cutting lines, spark plugs, air filters, gas filters, mulching blades, etc.
4. For servicing, the product must be sent or presented to a RYOBI authorised service station listed for each country in the following list of service station addresses. In some countries your local RYOBI dealer undertakes to send the product to the RYOBI service organisation. When sending a product to a RYOBI service station, the product should be safely packed without any dangerous contents such as petrol, marked with sender's address and accompanied by a short description of the fault.
5. A repair / replacement under this warranty is free of charge. It does not constitute an extension or a new start of the warranty period. Exchanged parts or products become our property. In some countries delivery charges or postage will have to be paid by the sender. Your statutory rights arising from the purchase of the product remain unaffected.
6. This warranty is valid in the European Community, Switzerland, Iceland, Norway, Liechtenstein, Turkey, Russia and the United Kingdom. Outside these areas, please contact your authorised RYOBI dealer to determine if another warranty applies.

AUTHORISED SERVICE CENTRE

Any request or issue with the product can be addressed to your local authorised service centres (visit www.ryobitools.eu) or directly to: Techtronic Industries GmbH, Max Eyth Straße 10, 71364 Winnenden, Germany. Please state the serial number and product type printed on the label.

EC DECLARATION OF CONFORMITY

Manufacturer: Techtronic Industries GmbH
Max-Eyth-Straße 10, 71364 Winnenden, Germany

We declare as the manufacturer under our sole responsibility that the product mentioned below

Cordless power hub inverter
Brand: RYOBI
Model number: RY36BI1800A
Serial number range: 47563501000001 - 47563501999999

fulfills all the relevant provisions of the following European Directives, European Regulations and harmonised standards:

EN 62477-1:2012+A11:2014+A1:2017, EN 62368-1:2014 + A11:2017,
EN 60335-2-29:2004 + A2:2010 +A11:2018, EN 60335-1:2012+A11:2014
+A12:2017+A13:2017+A14:2019+A1:2019+A2:2019,
EN 60598-1:2015+A1:2018, EN 60598-2-4:2018, EN IEC 62031:2020,
EN 62493:2015, EN 61000-6-1:2019, EN 61000-6-3:2007+A1:2011,
EN 301 489-1 V2.2.3, EN 301 489-17 V3.2.4, EN 300 328 V2.2.2,
EN 62479:2010

Sven Eschrich
VP of Engineering – TTI Outdoor Power Division
Winnenden, May 7, 2021

Authorised to compile the technical file:
Alexander Krug, Managing Director
Techtronic Industries GmbH
Max-Eyth-Straße 10, 71364 Winnenden, Germany

GB-DECLARATION OF CONFORMITY

Manufacturer: Techtronic Industries GmbH
Max-Eyth-Straße 10, 71364 Winnenden, Germany

We declare as the manufacturer under our sole responsibility that the product mentioned below

Cordless power hub inverter
Brand: RYOBI
Model number: RY36BI1800A
Serial number range: 47563501000001 - 47563501999999

fulfills all the relevant provisions of the following Regulations: S.I. 2008/1597 (as amended), S.I. 2016/1091 (as amended), S.I. 2012/3032 (as amended), S.I. 2001/1701 (as amended) and that the following designated standards have been used:

BS EN 62477-1:2012+A11:2014+A1:2017, BS EN 62368-1:2014+A11:2017,
BS EN 60335-2-29:2004+A2:2010+A11:2018, BS EN 60335-1:2012
+A11:2014+A12:2017+A13:2017+A14:2019+A1:2019+A2:2019,
BS EN 60598-1:2015+A1:2018, BS EN 60598-2-4:2018,
BS EN IEC 62031:2020, BS EN 62493:2015
BS EN 61000-6-1:2019, BS EN 61000-6-3:2007+A1:2011
BS EN 301 489-1 V2.2.3, BS EN 301 489-17 V3.2.4, BS EN 300 328 V2.2.2,
BS EN 62479:2010

Sven Eschrich
VP of Engineering – TTI Outdoor Power Division
Winnenden, May 7, 2021

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Alexander Krug, Managing Director
Techtronic Industries GmbH
Max-Eyth-Straße 10, 71364 Winnenden, Germany

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