Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Metabo Metabo Powermaxx Basic BS 618163000

Metabo Powermaxx Basic BS 12V Cordless Drill Machine/Screw Driver User Manual

Model: Metabo Powermaxx Basic BS 618163000

1. Product Overview

The Metabo Powermaxx Basic BS is a versatile 12V cordless drill machine and screwdriver designed for a wide range of applications, from drilling in steel and softwood to precise screwdriving tasks. Its compact and lightweight design makes it ideal for both professional and DIY users.



Image: The Metabo Powermaxx Basic BS cordless drill and screwdriver, showcasing its compact design and versatility.

Key Features:

- **Versatile Applications:** Capable of drilling up to 10 mm in steel and 18 mm in softwood.
- **Integrated LED Light:** Provides excellent visibility in dark working conditions.
- **High Torque:** Up to 34 Nm for challenging tasks.
- **Adjustable Speed:** 0-1400 RPM for efficient and precise drilling.
- **Keyless Chuck with Magnetic Hexagon Recess:** Allows quick bit changes.
- **Battery Powered:** Comes with one 2Ah Li-Power battery pack for continuous operation.
- **Lightweight and Compact Design:** Exceptionally light and portable.

2. Setup

2.1. Battery Installation and Charging

Before first use, fully charge the Li-Power battery pack. Insert the battery into the charger and connect the charger to a power outlet. The charging indicator will show the charging status. Once fully charged, remove the battery from the charger.
To install the battery into the drill, align the battery pack with the slot at the base of the drill handle and slide it in until it clicks securely into place. To remove, press the release button(s) on the sides of the battery and slide it out.

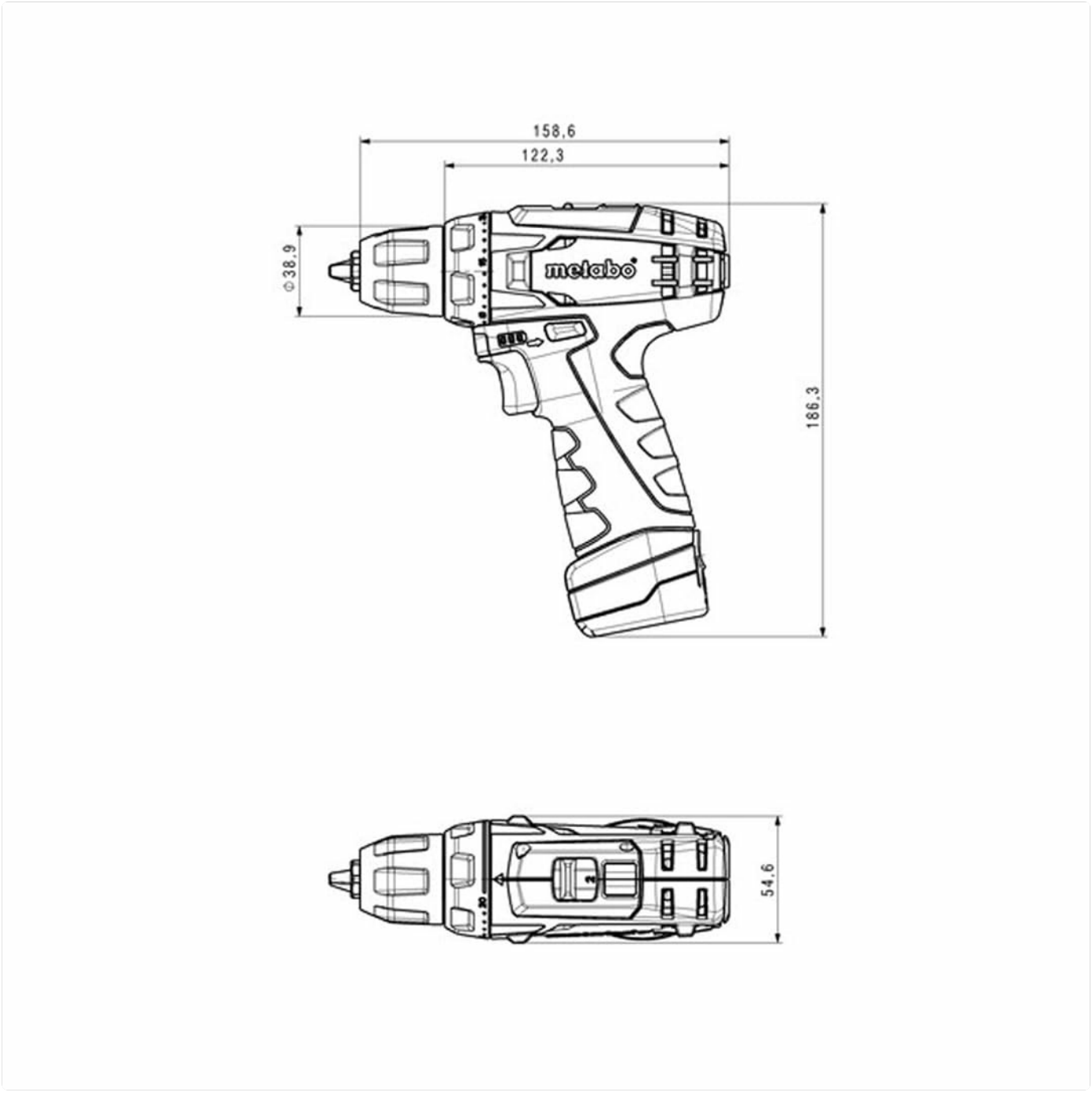


Image: The Metabo Powermaxx Basic BS with its 12V Li-Power battery pack securely installed.

2.2. Attaching and Removing Drill Bits/Screwdriver Bits

The Metabo Powermaxx Basic BS features a keyless chuck for quick and easy bit changes. It also has a magnetic hexagon recess for screwdriver bits.

1. **To open the chuck:** Rotate the front part of the chuck counter-clockwise until the jaws are wide enough to insert the bit.
2. **To insert a bit:** Place the drill bit or screwdriver bit into the chuck, ensuring it is centered. For screwdriver bits, you

can also use the magnetic hexagon recess directly.

3. **To secure the bit:** Rotate the front part of the chuck clockwise until the bit is firmly gripped. Do not overtighten.
4. **To remove a bit:** Rotate the front part of the chuck counter-clockwise to loosen the jaws and pull the bit out.

3. Operating Instructions

3.1. Powering On/Off and Speed Control

The drill is activated by pressing the trigger switch. The speed is variable and controlled by the pressure applied to the trigger. Pressing lightly results in lower speed, while pressing fully results in maximum speed (up to 1400 RPM).
To turn off the drill, release the trigger switch.

3.2. Forward/Reverse Rotation

A slide switch located above the trigger controls the direction of rotation. Push the switch to the left for forward rotation (for drilling and tightening screws) and to the right for reverse rotation (for loosening screws).
Ensure the switch is in the neutral (middle) position when not in use or when changing bits to prevent accidental startup.

3.3. Torque and Gear Selection

The torque setting ring, located behind the chuck, allows you to adjust the torque for screwdriving applications. Select a lower torque setting for smaller screws or softer materials to prevent overtightening or stripping. Higher torque settings are for larger screws or harder materials.
The drill features two speed gears:

- **Gear 1 (Low Speed):** For high torque applications like driving large screws or drilling large holes.
- **Gear 2 (High Speed):** For faster drilling and general screwdriving.

Select the desired gear using the gear selector switch on top of the drill.



Image: A user demonstrating the Metabo Powermaxx Basic BS in action, highlighting its ease of use for various tasks.

3.4. Integrated LED Light

The integrated LED light illuminates the work area when the trigger is pressed, providing improved visibility in dimly lit conditions.

4. Maintenance

4.1. Cleaning

Regularly clean the ventilation openings and the tool housing to prevent dust and debris buildup. Use a soft, damp cloth. Do not use solvents or abrasive cleaners. Keep the chuck jaws free of debris for optimal performance.

4.2. Battery Care and Storage

- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge batteries to approximately 50% capacity.
- Do not store batteries with metal objects that could short-circuit the terminals.
- Avoid fully discharging Li-Power batteries, as this can reduce their lifespan.

4.3. General Inspection

Periodically inspect the power cord of the charger for damage. Check the drill for any loose screws or damaged parts. If any damage is found, contact authorized service personnel for repair.

5. Troubleshooting

Problem	Possible Cause	Solution
Drill does not start.	Battery not inserted correctly or discharged. Forward/reverse switch in neutral position.	Ensure battery is fully charged and properly inserted. Move forward/reverse switch to desired position.
Reduced power or speed.	Battery low. Overload.	Recharge battery. Reduce pressure on the drill or use a larger drill bit.
Chuck not gripping bit.	Jaws are dirty or damaged. Bit not inserted deep enough.	Clean chuck jaws. Ensure bit is inserted fully and chuck is tightened securely.
Overheating.	Continuous heavy use. Blocked ventilation.	Allow tool to cool down. Clear ventilation openings.

6. Specifications

Specification	Value
Brand	Metabo
Power Source	Battery Powered
Maximum Rotational Speed	1400 RPM
Voltage	12 Volts (AC)
Amperage	2 Amps
Maximum Chuck Size	10 Millimeters
Colour	Green
Included Components	Battery Charger, Drill Attachment
Special Feature	Cordless
Product Dimensions	10L x 10W x 15H Centimeters

Specification	Value
Material	Metal
Maximum Torque	34 Newton Metres
Number of Speeds	2
Item Weight	2000 Grams
Maximum Power	240 Watts
Item Torque	34 Newton Meters
Drill Type	Basic Drill
Battery Capacity	2 Ah
Drilling Capacity Wood	18 Millimetres
Drilling Capacity Metal	10 Millimetres
Country of Origin	China
Item model number	Metabo Powermaxx Basic BS 618163000



Image: Detailed technical specifications and dimensions of the Metabo Powermaxx Basic BS.

7. Warranty and Support

The Metabo Powermaxx Basic BS is backed by a **3-year warranty**, reflecting the manufacturer's confidence in its German technology and quality. This warranty covers manufacturing defects and ensures reliable long-term use.



Image: Metabo warranty and support details, including 3 years warranty, after-sales support, service network, and original parts information.

Customer Support:

For after-sales support, service network information, or original parts, please refer to the contact details provided with your product packaging or visit the official Metabo website. For general inquiries, you may contact the manufacturer:
Manufacturer: Hikoki Powertools India Pvt Ltd
Plot no. 9A, 1st Phase, Peenya Industrial Area,
Bengaluru - 560058. India
For more details, you can also call:**1800 5725 726** (MON - SAT, 09:00 AM - 6:00 PM).

© 2025 Metabo. All rights reserved.
This manual is for informational purposes only. Specifications are subject to change without notice.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0D5HC1FZN

More documents and user manuals: **https://manuals.plus/**