Metabo 601039840

Metabo PowerMaxx BS 12 BL Q Cordless Drill/Screwdriver

Model: 601039840

Brand: Metabo

Introduction

The Metabo PowerMaxx BS 12 BL Q is a high-performance 12V Li-Power cordless drill/screwdriver designed for demanding applications. Featuring a brushless motor and the Metabo Quick System, it offers efficient and flexible operation. This manual provides essential information for safe and effective use of your tool.

Setup

1. Battery Installation

The PowerMaxx BS 12 BL Q operates on a 12V Li-Power battery pack (not included). To install, slide the battery pack into the base of the tool until it clicks securely into place. To remove, press the release button on the battery pack and slide it out.

Note: Ensure the battery is fully charged before first use. Use only compatible Metabo Li-Power battery packs.

2. Quick-Change Chuck and Bit Installation

The Metabo Quick System allows for rapid changing between the bit retainer and the quick-change chuck.

- **Attaching the Quick-Change Chuck:** Align the chuck with the spindle and push it firmly until it locks into place.
- **Removing the Quick-Change Chuck:** Pull the chuck forward while holding the tool, and it will detach.
- **Inserting Bits:** For the quick-change chuck, twist the front collar counter-clockwise to open the jaws, insert the drill bit or screwdriver bit, then twist clockwise to tighten. For direct bit insertion into the spindle (after removing the chuck), simply push the bit into the hexagonal recess until it clicks.



Image: The Metabo PowerMaxx BS 12 BL Q drill with its quick-change chuck detached, illustrating the flexibility of the Metabo Quick System for various applications.

3. Attaching the Belt Hook and Bit Holder

The handy belt hook and bit holder can be fixed on either the right or left side of the tool, depending on user preference. Simply align the accessory with the designated screw hole and secure it with the provided screw.

Operating Instructions

1. Powering On/Off and Speed Control

The tool is activated by pressing the trigger switch. The speed is variable and controlled by the amount of pressure applied to the trigger. To stop the tool, release the trigger. The no-load speed ranges from 0-500 RPM in the first gear and 0-1650 RPM in the second gear.



Image: The Metabo PowerMaxx BS 12 BL Q drill with a standard drill bit securely inserted into the quick-change chuck, ready for operation.

2. Torque Adjustment

The torque can be adjusted using the ring located behind the chuck. This allows you to set the desired torque for screwdriving applications, preventing overtightening or stripping screws. The adjustable torque range is 0.5 - 5 Nm. For drilling, set the ring to the drill symbol for maximum torque.

3. Integrated LED Work Light

The tool features an integrated LED work light with a night light function. This light automatically illuminates the work area when the trigger is pressed, providing optimal brightness in dimly lit conditions.

4. Drilling and Screwdriving Applications

This drill/screwdriver is suitable for various materials:

- **Drilling in Soft Wood:** Maximum drill diameter of 25 mm.
- **Drilling in Steel:** Maximum drill diameter of 10 mm.
- **Screwdriving:** Use appropriate bits and adjust torque settings for optimal results.



Image: A user operating the Metabo PowerMaxx BS 12 BL Q cordless drill/screwdriver to fasten into a wooden beam, demonstrating its application in woodworking.



Image: A user utilizing the Metabo PowerMaxx BS 12 BL Q drill/screwdriver on a metal framework, highlighting its versatility for different materials and construction tasks.

Maintenance

- **Cleaning:** Regularly clean the ventilation slots of the tool to prevent dust and debris buildup. Use a soft, dry cloth. Do not use water or chemical cleaning agents.
- **Chuck Maintenance:** Keep the chuck jaws clean and free of debris to ensure proper gripping of bits.
- **Battery Care:** Store Li-Power battery packs in a cool, dry place. Avoid extreme temperatures. Charge batteries regularly, even if not in use, to maintain their lifespan.
- **Storage:** When not in use, store the tool and accessories in the metaBOX 118 to protect them from damage and dust.

Troubleshooting

- **Tool does not start:**
  - Check if the battery pack is properly inserted and fully charged.
  - Ensure the trigger switch is fully depressed.
- **Reduced performance:**
  - The battery pack may need recharging.
  - The drill bit or screwdriver bit may be worn or unsuitable for the material.
  - Ensure the correct torque setting is selected for the task.
- **Chuck not holding bit securely:**
  - Clean the chuck jaws to remove any debris.
  - Ensure the bit is inserted correctly and the chuck is tightened firmly.

For issues not resolved by these steps, please contact Metabo customer support or an authorized service center.

Specifications

Feature	Value
Type of Battery Pack	Li-Power
Battery Voltage	12 V
Maximum Torque (Soft)	18 Nm
Maximum Torque (Hard)	45 Nm
Adjustable Torque	0.5 - 5 Nm
Drill Ø Steel	10 mm
Drill Ø Soft Wood	25 mm
No-Load Speed	0 - 500 / 0 - 1650 rpm
Chuck Capacity	1.5 - 10 mm
Weight without Battery Pack	0.84 kg

Feature	Value
Weight with Battery Pack	1.1 kg
Product Dimensions (L x W x H)	15.55" x 11.65" x 6.5"
Material	Metal, Plastic
Color	Green

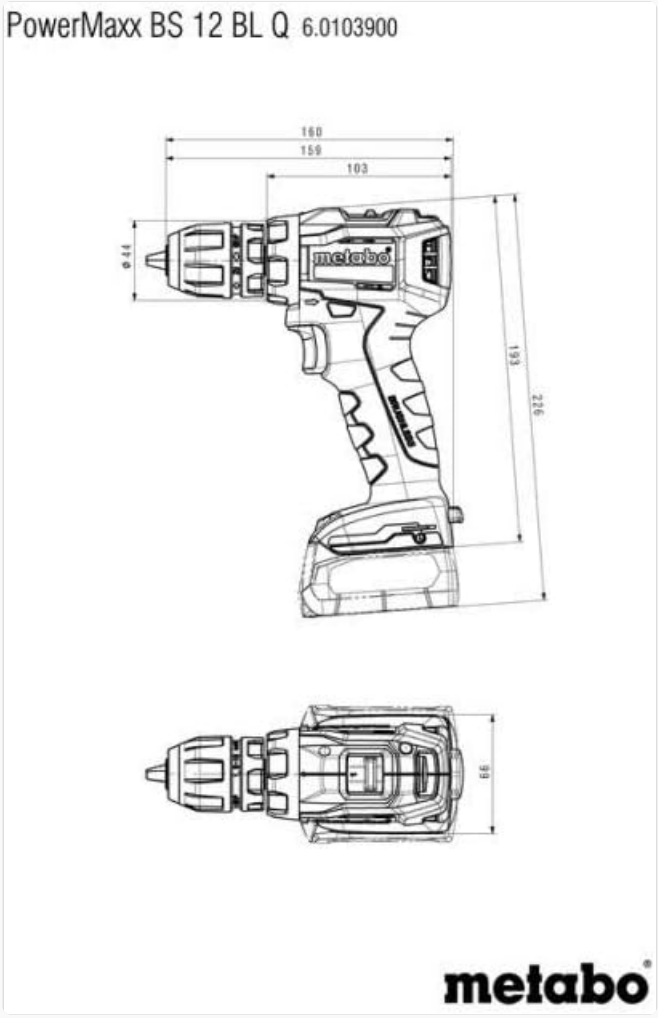


Image: Technical drawing illustrating the dimensions and key components of the Metabo PowerMaxx BS 12 BL Q cordless drill/screwdriver.

Scope of Delivery:

- Quick-change chuck
- Belt hook and bit case
- metaBOX 118 (for transport and storage)
- *Note: Battery pack and charger are not included.*

Warranty and Support

Specific warranty details are not provided within this manual. For information regarding warranty coverage, service, or technical support for your Metabo PowerMaxx BS 12 BL Q, please refer to the official Metabo website or contact your local Metabo dealer. Always ensure repairs are carried out by authorized service personnel using original spare parts.

You can visit the official Metabo store for more information:Metabo Store on Amazon

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