

## Bosch PSM 18 LI

# Bosch PSM 18 LI Cordless Multi-Sander Instruction Manual

Model: 06033A1301

## 1. INTRODUCTION

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The Bosch PSM 18 LI is a versatile, powerful, and compact cordless multi-sander designed for various sanding and polishing tasks. It is particularly effective in hard-to-reach areas and on small surfaces. This tool is part of the Bosch 18V Power for All system, allowing for battery compatibility across a range of Bosch 18V tools.

This manual provides essential information for the safe and efficient operation, setup, and maintenance of your PSM 18 LI multi-sander. Please read it thoroughly before first use and keep it for future reference.



The Bosch PSM 18 LI Cordless Multi-Sander, a versatile tool for various sanding tasks.

## 2. GENERAL SAFETY INSTRUCTIONS

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Always observe general power tool safety warnings and instructions provided with the product. Failure to follow these warnings and instructions may result in electric shock, fire, and/or serious injury. Keep all warnings and instructions for future reference.

- **Work Area Safety:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- **Electrical Safety:** Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- **Personal Safety:** Always wear eye protection, dust mask, non-skid safety shoes, hard hat, or hearing protection for appropriate conditions.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. It will do the job better and safer at the rate for which it was designed.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

## 3. SETUP AND ASSEMBLY

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### 3.1 Battery Installation

The PSM 18 LI operates with an 18V Lithium-Ion battery. The battery and charger are sold separately and are compatible with the Bosch 18V Power for All system.

1. Ensure the battery is charged before installation.

2. Align the battery with the battery slot on the tool.
3. Push the battery firmly into the slot until it clicks into place. Ensure it is securely seated.



The Bosch 18V Power for All battery system ensures compatibility across a wide range of Bosch tools, allowing you to use the same battery for multiple devices.

### 3.2 Sanding Sheet Attachment

The multi-sander features a hook-and-loop system for quick and easy sanding sheet replacement.

1. Ensure the tool is switched off and the battery is removed before attaching or removing sanding sheets.
2. Align the holes on the sanding sheet with the holes on the sanding plate.
3. Press the sanding sheet firmly onto the sanding plate to secure it.
4. To remove, simply peel the sanding sheet off the plate.



The hook-and-loop system enables quick and easy replacement of sanding sheets.

### 3.3 Dust Box Attachment

The integrated micro-filter dust box helps maintain a clean work environment.

1. Slide the dust box onto the designated port at the rear of the sander until it clicks into place.
2. Ensure it is securely attached before operation.

## 4. OPERATING INSTRUCTIONS

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## 4.1 Switching On/Off

1. To switch on the tool, press the On/Off switch.
2. To switch off the tool, press the On/Off switch again.

## 4.2 Sanding Process

The PSM 18 LI is suitable for dry sanding of wood, plastic, metal, filler, and varnished surfaces.

1. Select the appropriate sanding sheet grit for your material and desired finish.
2. Hold the tool firmly with both hands.
3. Place the sanding plate flat on the workpiece.
4. Switch on the tool.
5. Move the sander evenly over the surface with light pressure. Avoid excessive pressure, as this can reduce sanding performance and damage the sanding sheet.
6. For corners and edges, utilize the delta-shaped tip of the sanding plate. The tip can be detached and repositioned for optimal use of the abrasive paper.



The compact design allows for comfortable sanding of various surfaces, such as wooden furniture.



Its versatile design is ideal for sanding edges and hard-to-reach areas like railings.

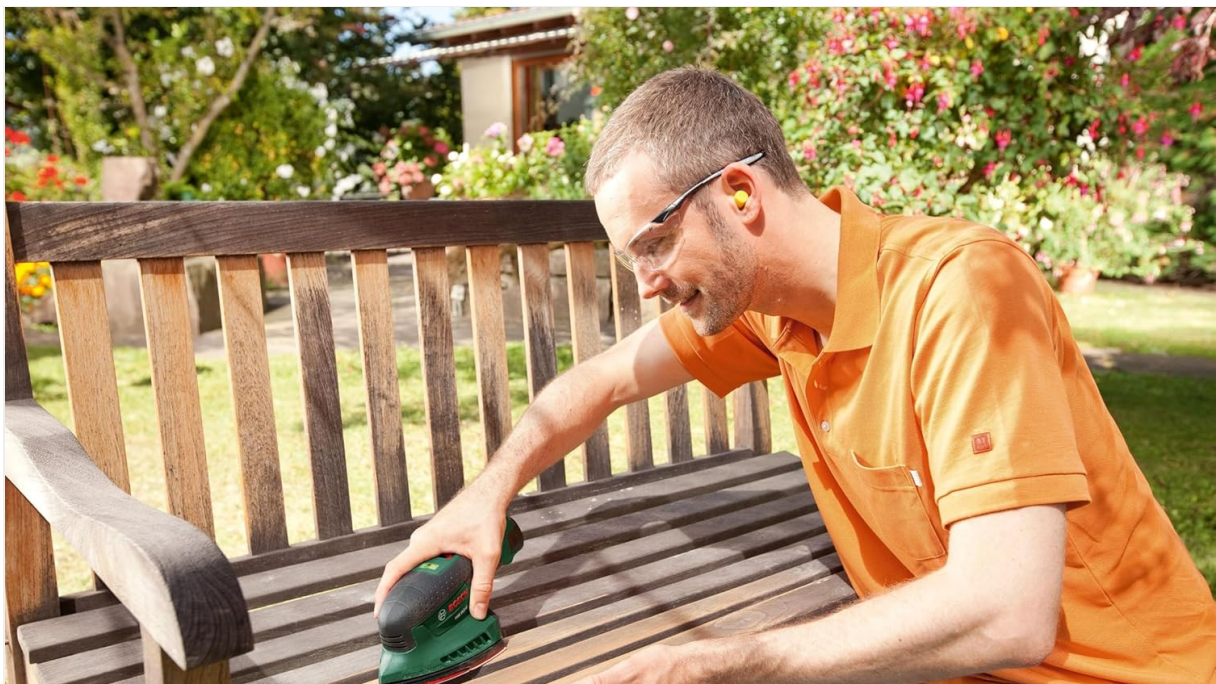
## 5. MAINTENANCE AND CARE

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### 5.1 Cleaning the Dust Box

For optimal dust collection and tool performance, regularly empty and clean the micro-filter dust box.

1. Remove the dust box from the tool.
2. Open the dust box and empty the collected dust.
3. Clean the filter element inside the dust box by tapping it or using compressed air.
4. Reattach the clean dust box to the tool.



The integrated micro-filter dust box collects sanding dust for a cleaner work environment. Empty regularly for optimal performance.

### 5.2 General Cleaning

Keep the ventilation openings of the tool clean to ensure proper cooling and prevent overheating. Use a

soft brush or compressed air to remove dust and debris.

### 5.3 Battery Care

The Lithium-Ion battery has no memory effect and does not self-discharge, ensuring it is always ready for use. For long-term storage, it is recommended to store the battery at approximately 50% charge in a cool, dry place.

## 6. TROUBLESHOOTING

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- **Tool does not start:**
  - Check if the battery is properly inserted and fully charged.
  - Ensure the On/Off switch is fully engaged.
- **Poor sanding performance:**
  - Replace the sanding sheet if it is worn or clogged.
  - Ensure the correct grit sanding sheet is used for the material.
  - Avoid applying excessive pressure.
- **Excessive dust:**
  - Check if the dust box is correctly attached and not full.
  - Clean the micro-filter element in the dust box.

If you encounter issues not listed here or if problems persist, please contact Bosch customer service.

## 7. TECHNICAL SPECIFICATIONS

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Feature	Specification
Brand	Bosch
Model Number	06033A1301
Product Dimensions (L x W x H)	28 x 15.5 x 14 cm
Item Weight	1.3 kg (2.87 Pounds)
Battery Type	Lithium-Ion (1 required, sold separately)
Voltage	18 Volts
Power Source	Battery Powered
Max Rotational Speed	14000 rpm
Amperage	1.5 A
Grit Type	Medium

## 8. WARRANTY INFORMATION

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This Bosch product is covered by a manufacturer's warranty. For detailed information regarding warranty terms, conditions, and registration, please refer to the warranty card included with your purchase or visit

the official Bosch website. Keep your proof of purchase for warranty claims.

## 9. CUSTOMER SUPPORT

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For technical assistance, spare parts, or service inquiries, please contact Bosch customer service. You can find contact information on the official Bosch website or in the documentation provided with your tool.

**Online Resources:** Visit the official Bosch website for product information, FAQs, and additional support materials.