

BOSCH 18V 6.0Ah Lithium Battery User Manual

I. Product Overview

This product is a BOSCH 18V 6.0Ah lithium-ion battery, specially designed for BOSCH 18V series power tools. It features high energy density, long battery life and stable output, suitable for various professional and household electric operation scenarios.

II. Safety Precautions

To avoid personal injury or product damage, please strictly follow the following safety specifications:

No Disassembly or Modification: Do not disassemble, pierce or modify the battery by yourself. Exposure of internal cells may easily cause short circuit, fire or explosion.

Keep Away from Hazardous Environments: Do not place the battery in high temperature ($>60^{\circ}\text{C}$), open flame, humid or corrosive environments; do not use it in rain or water-involved environments.

Standard Charging Requirements: Only use BOSCH original or certified 18V dedicated chargers. Do not mix chargers of other brands/models to avoid overcharging or over-discharging.

Proper Storage Method: For long-term storage (>3 months), keep the battery power at 40%–60%, place it in a dry and cool place (temperature $10\text{--}25^{\circ}\text{C}$), and avoid contact with metal objects to prevent short circuit.

Abnormal Handling: If the battery has abnormalities such as bulging, leakage, peculiar smell, overheating or sudden performance drop, stop using it immediately and contact after-sales service. Do not continue to use or charge it.

III. Installation and Disassembly

Installation Steps

Ensure the power tool is turned off, and align the battery interface with the card slot of the tool's battery compartment.

Push the battery in smoothly until a "click" sound is heard, confirming that the battery is locked in place.

Pull the battery gently to check if it is firm; it can be used normally if there is no looseness.

Disassembly Steps

Turn off the power tool and press the red release button on the side of the battery.

Pull the battery out smoothly to avoid violent pulling.

IV. Usage Instructions

Power Indication: The red indicator light on the side of the battery can display the remaining power (triggered by short-pressing the red button). When the indicator light is off or flashing, it means the power is low and needs to be charged in time.

Performance Adaptation: This battery is compatible with BOSCH 18V series power tools, which can meet different operation needs such as drilling, cutting and polishing. It has stable high-current output and is suitable for long-term continuous operation.

Temperature Protection: The battery has a built-in temperature sensor. When the temperature is too high, it will automatically limit output or stop working, and can resume use after cooling down to a safe range.

V. Charging Guide

Insert the battery into a certified 18V charger to ensure the interface is fully fitted.

The charger indicator light turns on to indicate the start of charging. After being fully charged, the indicator light will switch automatically (usually solid green). Take off the battery in time to avoid overcharging. The recommended charging environment temperature is between 0-40°C. The charging time may be prolonged in low-temperature environments, which is a normal phenomenon.

VI. Maintenance

Keep the battery interface clean, avoid dust, oil stains or metal debris from entering, and wipe it regularly with a dry soft cloth.

Avoid the battery falling from a height or being subjected to severe impact to prevent damage to internal cells.

When not in use for a long time, perform a charge-discharge cycle every 3 months to maintain cell activity.

VII. Common Problems and Solutions

Problem Phenomenon	Possible Causes	Solutions
Battery cannot be charged	Poor interface contact / Mismatched charger / Abnormal battery temperature	Clean the interface, replace with original charger, charge after the battery temperature returns to normal
Sudden decrease in battery life	Cell aging / Low-temperature environment / Over-discharge	Replace the battery, use it at an appropriate temperature, avoid deep discharge
Tool cannot start	Battery not locked / Power exhausted / Battery failure	Reinstall the battery, charge it, contact after-sales service for inspection

VIII. Warranty and After-Sales Service

This product enjoys BOSCH official warranty service. Under normal use, if the product malfunctions due to quality problems, you can contact the local BOSCH service center with the purchase certificate to apply for repair or replacement. Damage caused by human factors, improper use or exceeding the warranty period is not covered by the warranty.