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Makita DC18RD

Makita DC18RD 18V Lithium-Ion Dual Port Rapid Optimum Charger

Model: DC18RD

Brand: Makita

Description: Makita 18V Lithium-Ion is the world's largest cordless tool line-up powered by an 18V Lithium-Ion slide-style battery. At the heart of the LXT Series is the 18V LXT Lithium-Ion battery and the efficient Rapid Optimum Charger. The new 18V Lithium-Ion Dual Port Rapid Optimum Charger (DC18RD) charges two batteries simultaneously, giving tool users unparalleled charging efficiency so their batteries spend more time working and less time sitting on the charger. The 18V Dual Port Rapid Optimum Charger offers key advantages for Makita 18V Lithium-Ion cordless tool users. The exclusive built-in fan cools the battery by forcing air through the battery's air vents during the charging process for faster charging. The charger communicates with the battery's built-in chip throughout the charging process to optimize battery life by actively controlling current, voltage and temperature. The result is category-leading charge times: two 18V Compact Lithium-Ion 2.0Ah batteries in only 25 minutes; two 18V LXT Lithium-Ion 3.0Ah batteries in only 30 minutes; two 18V LXT Lithium-Ion 4.0Ah batteries in only 40 minutes; two 18V LXT Lithium-Ion 5.0Ah batteries in only 45 minutes.

Product Overview

The Makita DC18RD is an 18V Lithium-Ion Dual Port Rapid Optimum Charger designed to efficiently charge two Makita 18V LXT Lithium-Ion slide-style batteries simultaneously. This charger is a core component of Makita's extensive 18V cordless tool lineup, providing fast and optimized charging to maximize battery life and tool uptime.



Image Description: A top-down view of the Makita DC18RD Dual Port Rapid Optimum Charger. It is black with teal accents on the battery slots and a teal control panel on the left side. The Makita logo is prominently displayed in white on the front.

Key Features

- Charges two (2) 18V Compact Lithium-Ion 2.0 Ah batteries in only 25 minutes
- Charges two (2) 18V LXT Lithium-Ion 3.0 Ah batteries in only 30 minutes
- Charges two (2) 18V LXT Lithium-Ion 4.0 Ah batteries in only 40 minutes
- Charges two (2) 18V LXT Lithium-Ion 5.0 Ah batteries in only 45 minutes
- Built-in USB port for charging portable electronic devices



Image Description: The Makita DC18RD charger with two Makita 18V Lithium-Ion batteries inserted into its charging ports. The batteries are black with yellow accents, and the charger's teal accents are visible.

Setup and Initial Use

Power Connection

Connect the charger's power cord to a standard AC power outlet. Ensure the outlet provides the correct voltage as specified in the product's specifications.

Inserting Batteries

To begin charging, slide a Makita 18V Lithium-Ion battery into one of the charger's two ports. Ensure the battery is fully seated in the slot. The charger will automatically detect the battery and begin the charging process.

Operating the Charger

Indicator Lights

The charger features indicator lights that provide real-time status of the charging process:

- **Solid Green:** Charging complete.
- **Flashing Green:** Charging in progress.
- **Solid Red:** Battery is defective or too hot/cold.
- **Flashing Red:** Delay charge (battery cooling or too cold).

Built-in Fan

The charger includes a built-in fan that cools the battery during the charging process. This helps to optimize battery life and accelerate charging times.

USB Charging Port

A built-in USB port is available on the front of the charger for charging portable electronic devices. Connect your device using a compatible USB cable.

Video Description: An official Makita video demonstrating the features and operation of the DC18RD Dual Port Charger, including how to insert batteries and interpret the indicator lights.

Typical Charging Times

The Makita DC18RD Rapid Optimum Charger provides category-leading charge times. The charger communicates with the battery's built-in chip to optimize battery life by actively controlling current, voltage, and temperature.

Battery Type	Capacity	Approximate Charge Time
18V Compact Lithium-Ion	2.0 Ah	25 minutes
18V LXT Lithium-Ion	3.0 Ah	30 minutes
18V LXT Lithium-Ion	4.0 Ah	40 minutes
18V LXT Lithium-Ion	5.0 Ah	45 minutes

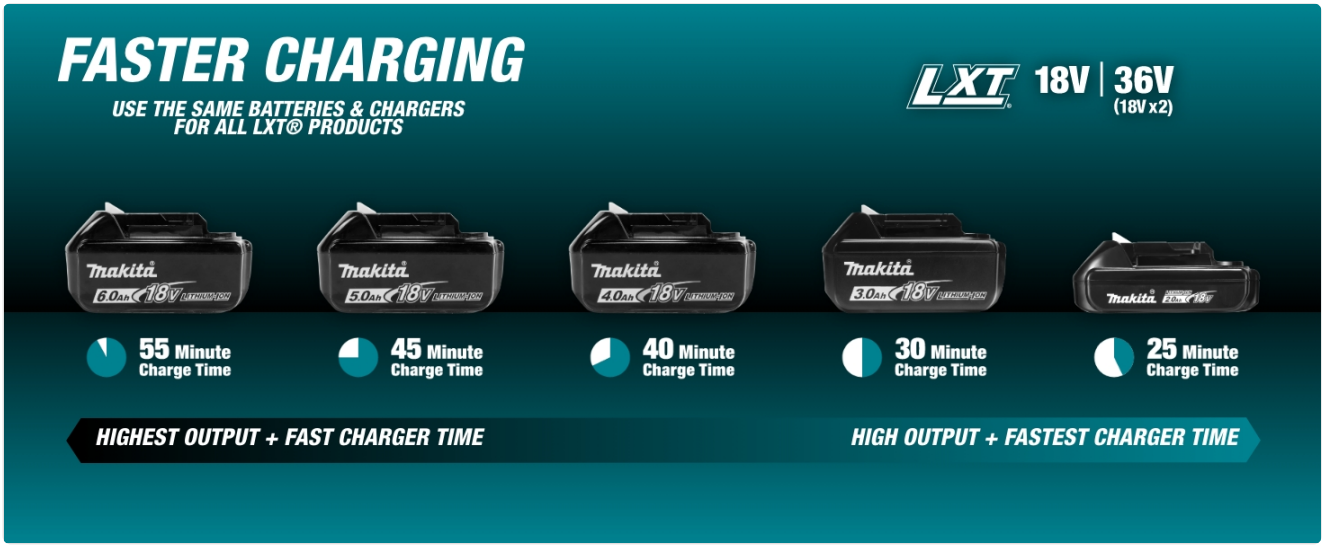


Image Description: A graphic illustrating the faster charging capabilities of Makita LXT batteries with corresponding charge times for different Amp-hour capacities (2.0Ah, 3.0Ah, 4.0Ah, 5.0Ah, 6.0Ah).

Maintenance

Cleaning

Regularly clean the charger's exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no dust or debris accumulates in the charging ports.

Storage

Store the charger in a dry location, away from direct sunlight and extreme temperatures.

Troubleshooting

Battery Not Charging

- Ensure the charger is properly plugged into a working power outlet.
- Check if the battery is correctly inserted into the charging port.
- Observe the indicator lights: A solid red light may indicate a defective battery, while a flashing red light suggests the battery is too hot or cold and needs to reach an optimal temperature before charging can resume.

Slow Charging

- Ensure the charger's ventilation slots are not blocked, as proper airflow is essential for rapid charging.
- Verify that you are using genuine Makita batteries.

Important Safety Information

WARNING:
To reduce the risk of injury, charge only Makita Lithium-Ion batteries. Other types of batteries may burst, causing personal injury and damage.

CAUTION:
Makita U.S.A., Inc. notifies tool users of the hazards and risks of using non-genuine ("knock-off") Makita Lithium-Ion batteries. Such batteries may burst, causing fires, personal injuries, or property damage. Always use genuine Makita batteries for optimal safety and performance.



Image Description: A warning graphic stating "DON'T USE KNOCK OFF BATTERIES" with an image of a burnt and damaged battery charger, emphasizing the dangers of non-genuine batteries.

Product Specifications

Feature	Detail
Model	DC18RD
Product Dimensions	4 x 16 x 12 inches
Item Weight	5 pounds
Output Voltage	18 Volts
Compatible Batteries	Lithium Ion batteries required (Makita 18V LXT)
Manufacturer	Makita
Color	Black
First Available	December 19, 2014

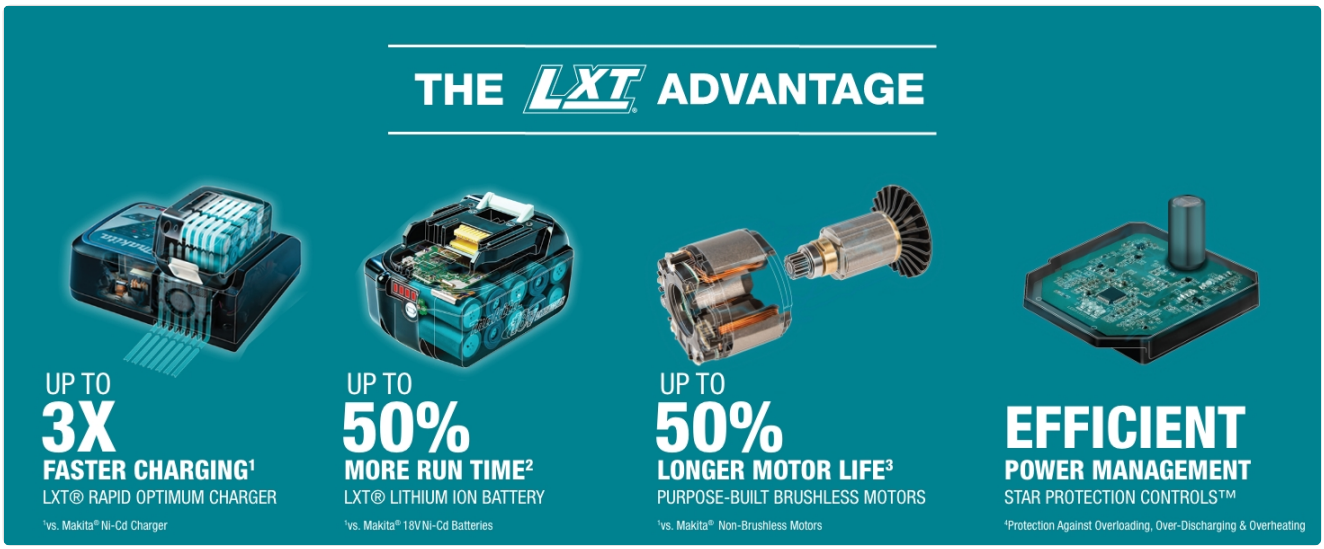


Image Description: A graphic titled "THE LXT ADVANTAGE" showing internal components of a Makita battery and motor, highlighting features like faster charging, more run time, longer motor life, and efficient power management.

What's in the Box

- Makita DC18RD Dual Port Rapid Optimum Charger
- Instruction Guide

Warranty and Support

For warranty information and customer support, please refer to the included Instruction Guide or visit the official Makita website.
Makita Store: Visit the Makita Store

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