

12V Brushless Cordless Drill with Li-ion Battery

This 12V cordless drill is designed for drilling and fastening applications. Its brushless motor provides enhanced performance and extended runtime compared to brushed alternatives.



Product Overview

High-Performance Brushless 12V Cordless Drill

This 12V cordless drill features an advanced brushless motor (BLDC) designed for enhanced performance, extended runtime, and superior durability. Its compact, slim design combined with a lightweight 0.9kg body makes it ideal for prolonged use in tight spaces. Equipped with a 2.0Ah lithium-ion battery and an imported control chip, it offers professional-grade reliability for a wide range of drilling and fastening applications.

Performance Metrics

Key Performance Metrics

30 N.m

Max Torque

1400 r/min

Max Speed

10 mm

Collet Diameter

40 Min

Charging Time

Technical Specifications

Technical Data

Parameter	Value
Model	BL7212-20C
No-Load Speed (Low/High)	0-400 / 0-1400 r/min
Torque Settings	15+1 Shelves
Weight (with battery)	0.9 kg
Dimensions (Height/Width)	18cm x 19cm

Drilling Capacities

Maximum Drilling Diameter

- Steel: 10mm
- Wood: 25mm

Battery & Power

Battery Details

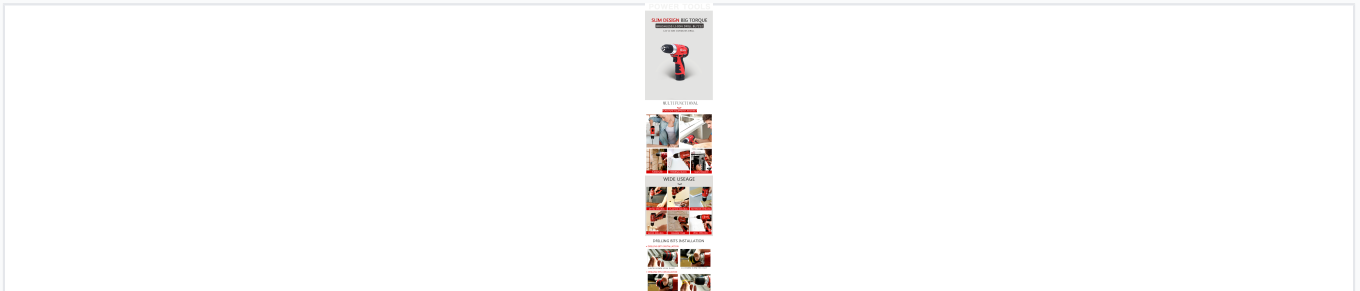
- Voltage: 12V
- Capacity: 2.0Ah
- Type: Lithium-ion
- Protection: PI Chip to prevent overcharge
- Fast Charging: ~40 minutes

Advanced Features

Safety & Control

Overload Protection, Overheat Protection, Low Voltage Protection, Stepless Switch, Brushless Motor, LED Auto Delay

Applications



Versatile performance across various materials including wood, metal, and ceramics.

Recommended Applications

Furniture Assembly • Terminal Block Installation • Maintenance • Metal Drilling • Plastics Drilling • Wood Drilling • Ceramic Tiles • Wall Drilling

Design & Ergonomics

Design Highlights

- Slim design for tight spaces
- Soft grip handle with two-level adjustment
- 15-second delay LED light for dark areas
- Lightweight portable construction
- Easy bit installation/uninstallation