

20V Cordless Angle Grinder with Brushless Motor

This 20V cordless angle grinder is equipped with a brushless motor, providing enhanced power and durability. It uses a 100mm grinding disc for efficient material removal and precise control.



Overview



Professional grade 20V cordless angle grinder designed for high-precision cutting and grinding.

High-Performance 20V Brushless Angle Grinder

This 20V cordless angle grinder features a high-efficiency brushless motor that delivers 20-30% more torque and a significantly longer service life compared to traditional brushed models. Designed for professional metal belt cutting and advertisement board assembly, it offers a lightweight, ergonomic solution for aerial and mobile operations. With advanced safety features including a two-step protect switch and anti-exploding slice technology, it ensures reliable performance in demanding work conditions.

Performance Metrics

Performance Highlights

8500 r/min
No-Load Speed

100 mm
Disc Diameter

20 V
Voltage

Technical Specifications

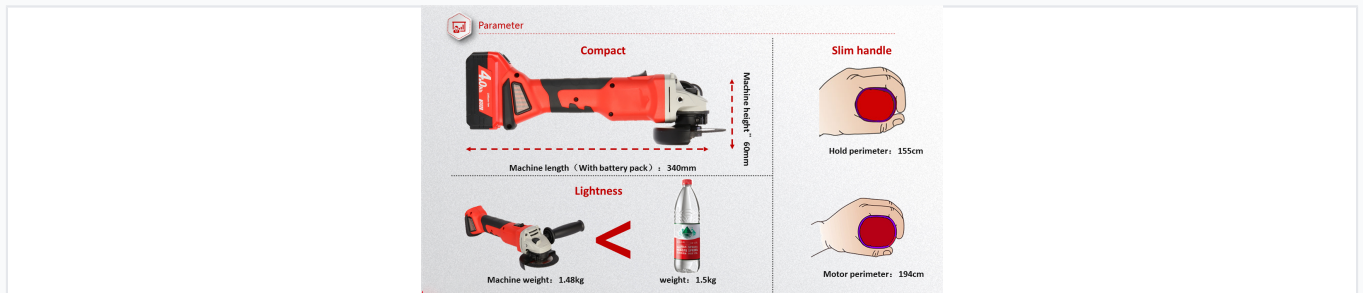


The 97mm compact gear box allows for easy operation in confined or narrow workspaces.

Technical Details

Feature	Specification
Spindle Diameter	M10
Battery Capacity	5.0Ah Li-ion
Charge Time	75 minutes
Machine Length	340mm (with battery)
Machine Height	60mm
Gear Box Size	97mm Compact

Design & Ergonomics



Ergonomic slim handle and lightweight construction (1.48kg) optimized for user comfort.

Ergonomics

- Slim handle with 155mm hold perimeter
- Lightweight 1.48kg body (tool only)
- Coating handle for comfortable grip
- Compact 97mm gear box for narrow spaces

Safety Systems

Operate more safely

Anti-exploding slice
When the disc stuck on, the machine stopped to avoid disc explode.

Safe protectors

Disconnecting protection
After the power-off suddenly and connecting again, the machine won't start.

Protect switch
Two-step switch, push and press, avoid wrongly start.

Slow start
Slow start and speed up, avoid the start movement of machine.

Integrated safety systems including anti-exploding slice and two-step protect switch.

Operate more safely

Battery Chip

- Over-temperature protection ✓
- Over-load protection ✓
- Over-discharge protection ✓
- Over charge protection ✓

Advanced battery chip provides four-way protection: over-temperature, over-load, over-discharge, and over-charge.

Safety Protections

Anti-exploding slice, Slow start, Disconnecting protection, Two-step protect switch, Over-temperature protection, Over-load protection, Over-discharge protection, Over-charge protection

Motor Technology

Longer use life

Metal dust-proof net
Protect motor from dust

Above data is from laboratory for reference only.

Metal dust-proof net protects the high-performance brushless motor from debris and metal shavings.

Brushless Motor Advantages

- 20-30% higher torque efficiency
- 300-400% longer use life
- Maintenance-free (no carbon brushes)
- Metal dust-proof net protection

Battery Technology

Longer use life

Samsung Li-ion battery cell

800-1200 pcs Dis/Charge times

165% discharge time

容量 2.0Ah	710
容量 1.8Ah	570
容量 1.5Ah	430

Above data is from laboratory for reference only.

High-capacity Li-ion cells ensure long-lasting power without memory effect.

Battery Performance

- High-quality Li-ion cells
- 800-1200 charge/discharge cycles
- No memory effect (charge at any level)
- 165% discharge time compared to 2.0Ah Ni-Cd

Applications

Recommended Applications

Metal Belt Cutting • Angle Bracket Cutting • Advertisement Board Assembly • Aerial Work • Mobile Operations