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› [REBEL](#) /

› [Rebel RB-1060 Cordless Air Compressor 20V 2A 7 Bar User Manual](#)

REBEL RB-1060

Rebel RB-1060 Cordless Air Compressor User Manual

Model: RB-1060

INTRODUCTION

Thank you for choosing the Rebel RB-1060 Cordless Air Compressor. This portable and versatile device is designed for convenient inflation of various items, including vehicle tires (cars, motorcycles, bicycles), sports balls, and swimming aids. Its compact design and powerful Li-ion battery make it an ideal tool for use at home or on the go. Please read this manual thoroughly before operation to ensure safe and efficient use of your compressor.



Image: The Rebel RB-1060 Cordless Air Compressor, showing its compact, handheld design with a battery attached at the base and a digital display on top.

SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Read All Instructions:** Familiarize yourself with the operation and limitations of the compressor.

- **Keep Work Area Clean:** Cluttered areas invite accidents.
- **Avoid Dangerous Environments:** Do not use the compressor in damp or wet locations, or expose it to rain.
- **Keep Children Away:** Do not allow children to operate the compressor.
- **Store Idle Tools:** When not in use, store the compressor in a dry, high, or locked-up place, out of reach of children.
- **Use Right Tool:** Do not force the compressor or attachments to do a job for which they were not designed.
- **Dress Properly:** Do not wear loose clothing or jewelry. Contain long hair.
- **Maintain Tools With Care:** Keep the compressor clean for best and safest performance. Follow instructions for lubricating and changing accessories.
- **Check for Damaged Parts:** Before further use, carefully check the compressor for any damaged parts.
- **Do Not Over-Inflate:** Always check the recommended pressure for the item you are inflating to avoid over-inflation and potential damage or injury.
- **Battery Safety:** Use only the specified battery and charger. Do not expose the battery to extreme temperatures or disassemble it.

PACKAGE CONTENTS

Ensure all items are present in the package:

- Rebel RB-1060 Cordless Air Compressor Unit
- Li-ion Battery (20V)
- AC Charger for Battery
- Bicycle Tire Adapter
- Sports Needle (for balls)
- Universal Adapter
- User Manual



Image: The flexible inflation hose with a quick-connect chuck, alongside various adapters including a sports needle and a universal adapter.

PRODUCT OVERVIEW

Familiarize yourself with the main components and controls of your Rebel RB-1060 air compressor.

1. **Main Unit:** The handheld body containing the motor and controls.
2. **Inflation Port:** Where the hose connects.
3. **LCD Display:** Shows current pressure, target pressure, and battery status.
4. **Control Buttons:**
 - **Power Button:** To turn the unit on/off.
 - **'+' Button:** To increase target pressure.
 - **'-' Button:** To decrease target pressure.
5. **Battery Pack:** Detachable 20V Li-ion battery.
6. **Inflation Hose:** Flexible hose for connecting to items.
7. **Adapters:** Bicycle tire adapter, sports needle, universal adapter.
8. **Adapter Storage:** Integrated storage slots for adapters on the unit base.





Image: A close-up view of the compressor's digital LCD display, showing "0.0 BAR" and the '+', power, and '-' control buttons below it.



Image: A detailed view of the base of the air compressor, showing integrated storage compartments for various inflation adapters.

SETUP

1. Charging the Battery

Before first use, fully charge the Li-ion battery. Connect the AC charger to a power outlet and then to the battery pack. The charger indicator light will show the charging status (e.g., red for charging, green for fully charged). Charging time may vary.



Image: The Rebel 20V Li-ion battery pack placed on its dedicated AC charger, with an indicator light visible.

2. Attaching the Battery

Once charged, slide the battery pack onto the base of the compressor unit until it clicks securely into place.

3. Connecting the Inflation Hose and Adapters

Screw the inflation hose securely into the inflation port on the front of the compressor. Select the appropriate adapter for the item you wish to inflate and attach it to the end of the hose.

- For car/motorcycle tires: Use the standard Schrader valve connector on the hose.
- For bicycle tires: Use the bicycle tire adapter if needed (Presta valve).
- For sports balls: Use the sports needle.
- For swimming aids/inflatables: Use the universal adapter.

OPERATING INSTRUCTIONS

1. Powering On

Press the power button (usually the middle button) to turn on the compressor. The LCD display will illuminate and show the current pressure (if connected) or '0.0 BAR' (or PSI, depending on unit setting).

2. Setting Target Pressure

Use the '+' and '-' buttons to set your desired target pressure. Refer to the item's manufacturer recommendations for correct pressure levels. The display will show the target pressure as you adjust it.

3. Connecting to Item

Connect the appropriate adapter and hose to the item you wish to inflate. Ensure a secure connection to prevent air leakage.



Image: A person using the Rebel RB-1060 compressor to inflate a bicycle tire, demonstrating the practical application of the device.



Image: A person using the Rebel RB-1060 compressor to inflate a soccer ball, highlighting its use with sports equipment.

4. Starting Inflation

Once the target pressure is set and the hose is connected, press the power button again to start the inflation process. The compressor will automatically stop when the target pressure is reached.

5. Monitoring Pressure

The LCD display will show the real-time pressure during inflation. You can monitor the progress and

ensure the item is not over-inflated.

6. Powering Off

After inflation, disconnect the hose from the item and then from the compressor. Press and hold the power button to turn off the unit. Remove the battery if storing for an extended period.

MAINTENANCE

- **Cleaning:** Wipe the compressor body with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no water enters the internal components.
- **Storage:** Store the compressor and its accessories in a dry, clean place, away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, charge the battery fully before storage and recharge it every 3-6 months if not in regular use. Do not store the battery in a completely discharged state.
- **Hose and Adapters:** Inspect the inflation hose and adapters regularly for any signs of wear or damage. Replace if necessary to ensure proper sealing and performance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not turn on.	Battery not charged or not properly attached.	Ensure battery is fully charged and securely attached to the unit.
Compressor runs but does not inflate.	Hose or adapter not securely connected; Leak in hose/adapter; Item valve blocked.	Check all connections for tightness. Inspect hose and adapters for damage. Ensure the item's valve is clear.
Inaccurate pressure reading.	Poor connection to item; Sensor malfunction.	Ensure a tight connection. If problem persists, contact customer support.
Compressor stops prematurely.	Target pressure reached; Overheating; Low battery.	Check target pressure setting. Allow unit to cool down if hot. Recharge battery.

SPECIFICATIONS

Feature	Detail
Model Number	RB-1060
Brand	REBEL
Power Source	Battery Powered (Li-ion)
Voltage	20V (Nominal, 21 Volts max)

Feature	Detail
Max Pressure	7 bar
Battery Type	1 Lithium-ion (included)
Item Weight	1.7 Kilograms
Package Dimensions	26.6 x 24.7 x 8.6 cm
Sound Level	834 Decibels (<i>Note: This value appears unusually high and may be a data error. Typical portable compressors operate between 70-90 dB.</i>)
Capacity	15 Litres (<i>Note: This likely refers to air displacement or volume handled, not a tank capacity as this is a direct inflator.</i>)

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the retailer where the product was acquired. Keep your proof of purchase for any warranty claims.