

Overview

The ANFLAG BD50 is an 8-in-1 multi-function portable power device. It combines a car battery jump starter, a 150PSI digital air compressor, a portable power bank, and an emergency flashlight into a single unit. It is designed for use with 12V vehicles including cars, trucks, motorcycles, boats, and lawn mowers.



Features

8-in-1 Multi-Function Device

- Portable Car Jump Starter

- 150PSI Tire Pump (Air Compressor)
- Tire Pressure Gauge
- Portable Power Bank
- Dual USB Fast Charger
- Flashlight
- Strobe Light
- SOS Emergency Signal Light

Powerful Jump Starter

With a 5500A peak current and a Force Start function, it can jump-start 12V vehicles with gas engines up to any size, diesel engines up to 12 litres, and hybrid vehicles. It operates in temperatures from -4°F to 140°F (-20°C to 60°C).



Portable Air Compressor

Features a 150PSI maximum pressure and a 2.7-inch LCD screen that displays real-time pressure in PSI, BAR, or KPA. It has four preset inflation modes (Car, Motorcycle, Bike, Ball) and a 35L/min airflow.



Power Bank & Lighting

Equipped with dual USB ports (5V/2.4A) for charging devices. The integrated 600-lumen LED light has three modes: steady flashlight, SOS, and strobe, providing up to 80 hours of continuous light.



Display & Safety

The 2.7-inch LCD clearly shows battery level, compressor mode, and tire pressure. The device includes 10 safety protections such as spark-proof technology, reverse polarity protection, and over-current protection.

Specifications

- **Brand:** ANFLAG
- **Model:** BD50
- **Battery Capacity:** 21800mAh / 80.6Wh
- **Battery Type:** Lithium-Ion

- **Peak Current:** 5500A
- **Voltage:** 12V
- **Air Compressor Max Pressure:** 150 PSI
- **LED Light:** 600 Lumen
- **USB Output:** Dual Port, 5V/2.4A each
- **Dimensions:** 207mm (D) x 45mm (W) x 115mm (H)
- **Weight:** 850 grams

What's in the Box

- 1 x ANFLAG BD50 Jump Starter with Air Compressor
- 1 x Heavy-Duty Jumper Cable
- 1 x USB-C Charging Cable
- 1 x Detachable Air Hose
- 3 x Gas Nozzles (for balls, bicycles, etc.)
- 1 x Instruction Manual
- 1 x EVA Storage Case



Use Guide

Charging the Device

1. Use the provided USB-C cable to connect the device to a standard USB power adapter (5V/2A or greater recommended) or a computer USB port.
2. The battery indicator on the LCD screen will show the charging progress. A full charge takes several hours.

3. Fully charge the device before first use and after prolonged storage.

Using the Jump Starter

WARNING: Always read the vehicle owner's manual. Ensure the jump starter is off before connecting.

1. Turn the jump starter power switch to the ON position.
2. Connect the red jumper clamp to the positive (+) terminal of the dead vehicle battery.
3. Connect the black jumper clamp to a clean, unpainted metal part of the vehicle's engine block or chassis (a ground point), away from the battery and fuel lines.
4. Start the vehicle's engine. If the battery is completely dead, press and hold the "Force Start" button on the jump starter, then attempt to start the vehicle.
5. Once the vehicle starts, turn the jump starter OFF.
6. Disconnect the black clamp first, then the red clamp.



Using the Air Compressor

1. Power on the device.
2. Press the "Mode" button to select the appropriate inflation preset: Car, Motorcycle, Bike, or Ball.
3. Press the "Unit" button to select your preferred pressure unit (PSI, BAR, KPA).
4. Screw the appropriate nozzle onto the detachable air hose, then attach it to the tire valve.
5. The LCD will display the current tire pressure. Press the "+" or "-" buttons to set your desired target pressure.
6. Press and hold the "Start" button to begin inflation. The compressor will stop automatically when the target pressure is reached.
7. Unscrew the hose from the valve and replace the valve cap.



Using the Power Bank

Connect your electronic device (phone, tablet, etc.) to either of the USB-A output ports using your own USB cable. The device will begin charging automatically. The LCD screen shows the jump starter's remaining battery capacity.

Using the LED Light

Press the light icon button to cycle through the three lighting modes: steady light (flashlight), SOS flashing signal, and strobe light. Press and hold the button to turn the light off.

Safety Instructions

- Read all instructions before use.
- Do not use the jump starter to charge non-12V batteries.
- Ensure correct polarity when connecting jumper cables (RED to POSITIVE+, BLACK to NEGATIVE- or ground).
- Do not touch the metal clamps together when the unit is on.
- Keep the device away from water, fire, and extreme heat.
- Do not disassemble, puncture, or incinerate the device.
- Store in a cool, dry place. Recharge at least once every three months during long-term storage.
- Only use the provided USB-C cable or a certified equivalent for charging.
- The air compressor is for inflating tires and sports balls only. Do not use for other purposes.

Maintenance & Storage

- Keep the unit clean and dry. Wipe with a soft, dry cloth.
- Store all components in the provided EVA case.
- Check the battery level periodically and recharge when low.
- If the device will not be used for more than three months, charge it to 50-70% before storage.

Troubleshooting

- **Device won't turn on:** The battery may be depleted. Connect to a charger.
- **Jump start fails:** Verify cable connections are secure and correct. Ensure the jump starter battery has sufficient charge. Try the "Force Start" function for completely dead batteries.
- **Air compressor doesn't start:** Check that the target pressure is set higher than the current pressure. Ensure the air hose is properly connected and not blocked.
- **USB ports not charging devices:** Try a different USB cable. Ensure the jump starter has adequate battery charge.
- **Error code on display:** Refer to the full instruction manual for specific error code meanings.

Warranty and Support

ANFLAG offers a 2-year warranty from the date of purchase against defects in materials and workmanship. The company also provides lifetime technical support.

Contact: For warranty claims, technical support, or product issues, contact ANFLAG customer service through the seller platform where the product was purchased.

Warning

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