

[Manuals.plus](#) /

› [POWERPLUS](#) /

› POWERPLUS POWE80090 4-in-1 Jump Starter Booster Instruction Manual

POWERPLUS POWE80090

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Model: POWE80090 | Brand: POWERPLUS

INTRODUCTION

The POWERPLUS POWE80090 is a versatile 4-in-1 portable power station designed for vehicle emergencies and various power needs. It integrates a jump starter, an air compressor, a 12V DC power supply, and a work light into a single compact unit. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your device.

- **Mobile Power Station:** Equipped with a 12V power supply, jump starter, compressor, and work/emergency lighting.
- **Optimal Breakdown Aid:** Functions as a jump starter for diesel engines up to 1.6 liters and provides light for dark conditions.
- **Anytime, Anywhere Power:** Provides energy for weak car batteries without needing another vehicle.
- **Multi-talent:** Integrated compressor for inflating tires, balls, air beds, etc. Features a 3.6W lamp for illumination.

SAFETY INSTRUCTIONS

Read all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always wear eye protection when working with batteries.
- Ensure proper ventilation when charging or operating the unit.
- Do not expose the unit to rain or wet conditions.
- Keep children and unauthorized persons away from the work area.
- Do not short-circuit the battery clamps.
- Disconnect the unit from the vehicle battery immediately after jump-starting.
- Do not operate the compressor continuously for more than 10 minutes to prevent overheating. Allow it to cool down between uses.
- Ensure the vehicle's ignition is off before connecting the jump starter.
- Refer to your vehicle's owner's manual for specific jump-starting procedures.

PRODUCT OVERVIEW

The POWERPLUS POWE80090 features several key components for its multi-functional capabilities.



4 in 1

POWERPLUS

Figure 1: Overview of the POWERPLUS POWE80090 unit, highlighting its 4-in-1 capabilities including jump starting, compressor, 12V power, and light.



Griff und Leichtgewicht

POWERPLUS

Figure 2: The portable design of the POWERPLUS POWE80090, showing its integrated handle for easy transport.

Key Components:

- **Jump Start Cables:** Red (positive) and Black (negative) clamps for connecting to a vehicle battery.
- **Air Compressor:** Integrated air hose with various nozzles for inflation.
- **Pressure Gauge:** Displays current air pressure during inflation.
- **12V DC Outlet:** For powering or charging 12V accessories.
- **Work Light:** Integrated lamp for illumination.
- **Battery Status Indicator:** Gauge or LEDs to show the internal battery charge level.
- **Charging Port:** For recharging the internal battery of the unit.

Initial Charging:

1. Before first use, fully charge the POWERPLUS POWE80090 for at least 12-24 hours.
2. Connect the AC charging adapter to the unit's charging port.
3. Plug the adapter into a standard wall outlet.
4. Monitor the battery status indicator; it will show when the unit is fully charged.
5. It is recommended to recharge the unit every 3 months to maintain battery health, even when not in use.

OPERATING INSTRUCTIONS

1. Jump Starting a Vehicle



Startstrom max 900A

POWERPLUS

Figure 3: Demonstrates the proper connection of the jump starter clamps to a vehicle battery for jump-starting.

1. Ensure the vehicle's ignition is off and all accessories (lights, radio) are turned off.

2. Connect the **red positive (+) clamp** to the positive (+) terminal of the vehicle's battery.
3. Connect the **black negative (-) clamp** to a clean, unpainted metal part of the vehicle's chassis, away from the battery and fuel lines. Do not connect directly to the negative battery terminal.
4. Ensure connections are secure.
5. Turn on the jump starter unit (if it has a power switch for jump-starting).
6. Attempt to start the vehicle. If it doesn't start after 5-6 seconds, wait at least 3 minutes before trying again.
7. Once the vehicle starts, immediately disconnect the **black negative (-) clamp** from the chassis, then disconnect the **red positive (+) clamp** from the battery.
8. Recharge the POWERPLUS POWE80090 as soon as possible after use.

2. Using the Air Compressor



Inklusive Abdeckung
zur Aufbewahrung der Düsen

POWERPLUS

Figure 4: Illustrates the use of the integrated air compressor for inflating a vehicle tire.

1. Select the appropriate nozzle for the item to be inflated (tire, ball, air bed).
2. Connect the air hose to the item's valve.
3. Turn on the compressor switch on the unit.

4. Monitor the pressure gauge and inflate to the desired pressure.
5. Once the desired pressure is reached, turn off the compressor switch.
6. Disconnect the air hose from the item.
7. Do not operate the compressor for more than 10 minutes continuously. Allow a 10-minute cool-down period after each 10 minutes of operation.

3. Using the 12V DC Power Supply



12V DC adapter

POWERPLUS

Figure 5: Shows the 12V DC adapter in use, typically for charging or powering compatible devices.

1. Locate the 12V DC outlet on the POWERPLUS POWE80090.
2. Plug your 12V compatible device (e.g., car charger, portable fan) into the outlet.
3. Ensure the device is within the power limits of the unit.
4. Disconnect the device when finished or when the unit's battery is low.

4. Using the Work Light

1. Locate the switch for the work light on the unit.

- 2. Toggle the switch to turn the light on or off.
- 3. The work light is useful for illuminating dark areas during emergencies or repairs.

MAINTENANCE

Charging and Storage:

- **Regular Recharging:** To prolong the life of the internal battery, recharge the unit every 3 months, even if it has not been used.
- **After Use:** Always recharge the unit fully after each use, especially after jump-starting a vehicle.
- **Storage:** Store the POWERPLUS POWE80090 in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cleaning:** Clean the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Cable Care:** Inspect jump start cables and clamps for damage before each use. Replace if frayed or damaged.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not jump start.	Unit's battery is low; incorrect clamp connection; vehicle battery severely discharged.	Recharge the unit; ensure clamps are securely connected to the correct terminals; allow more time between attempts or seek professional assistance if the vehicle battery is completely dead.
Compressor does not turn on or inflate.	Unit's battery is low; compressor switch is off; air hose not properly connected; internal thermal overload.	Recharge the unit; ensure compressor switch is on; check hose connections; allow unit to cool down if it has been running for an extended period.
12V DC outlet not providing power.	Unit's battery is low; device draws too much power; internal fuse blown.	Recharge the unit; check device's power requirements; consult a qualified technician for fuse replacement if suspected.
Work light does not turn on.	Unit's battery is low; light switch is off; bulb is faulty.	Recharge the unit; ensure light switch is on; contact support if bulb is faulty.

SPECIFICATIONS

Brand	POWERPLUS
Model Number	POWE80090
Battery Type	Lead Acid
Voltage	12 Volts
Battery Capacity	7000 Milliamper-hour (mAh)
Jump Start Amperage	900 Ampere
12V DC Outlet Peak Current	15 Ampere
Product Dimensions (D x W x H)	17D x 34.5W x 36.5H cm
Compatible Vehicle Type	Automobile

Certifications	CE
Manufacturer	Varo
Country of Origin	Italy

WARRANTY

The manufacturer provides a warranty for this product. For specific details regarding the warranty period, coverage, and terms, please refer to the documentation included with your purchase or contact the manufacturer directly. The manufacturer warranty description is listed as "Other".

SUPPORT

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact POWERPLUS customer support. Keep your purchase receipt and model number (POWE80090) ready when contacting support.