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Sharmel M10

Sharmel 6000A 12V Car Battery Jump Starter M10 User Manual

Model: M10

1. INTRODUCTION

Thank you for choosing the Sharmel 6000A 12V Car Battery Jump Starter M10. This device is designed to provide a reliable solution for starting dead vehicle batteries, offering powerful performance and multiple functionalities in a compact design. Please read this manual thoroughly before use to ensure safe and optimal operation.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Sharmel Jump Starter M10 Unit
- 1 x Smart Jumper Cables
- 1 x Type-C Charging Cable
- 1 x User Manual
- 1 x Portable Carrying Case

WHAT'S IN THE BOX



Image: Sharmel Jump Starter M10, smart jumper cables, Type-C charging cable, user manual, and portable carrying case.

3. SPECIFICATIONS

Feature	Specification
Peak Amperage	6000 Amps
Battery Type	S-class intelligent ternary lithium battery (4 Lithium Ion batteries included)

Engine Compatibility	Up to All gasoline engines or 10.0L diesel engines
Product Dimensions	1.4 x 3.2 x 7 inches
Item Weight	1.5 pounds
Flashlight Modes	Flashlight, Strobe Light, SOS Light
USB Output	QC 5V OUT (2 ports)
Type-C Input	5V/2A
Standby Time	Up to 24 months (under moderate conditions)

4. SAFETY INFORMATION

The Sharmeal Jump Starter M10 incorporates 14 integrated safety protections to ensure safe operation. These include:

- Reverse Polarity Protection
- Reverse Connection Protection
- Overcurrent Protection
- Overvoltage Protection
- Overload Protection
- Overcharge Protection
- Over Discharge Protection
- Short Circuit Protection
- Spark Resistance
- Impedance Match
- Shock Absorption
- Low Temperature Protection
- Over Temperature Protection
- Over-Power Protection

Always follow these general safety guidelines:

- Do not immerse the unit in water.
- Do not operate the unit if it is damaged.
- Keep out of reach of children.
- Ensure proper ventilation during use.
- Do not connect the positive and negative clamps together.



Image: Visual representation of the 14 integrated safety protections.

5. SETUP

5.1 Charging the Jump Starter

1. Connect the Type-C charging cable to the input port on the jump starter.
2. Connect the other end of the charging cable to a suitable USB power adapter (not included) or a USB port.
3. The digital display will show the charging percentage. Ensure the unit is fully charged (100%) before its first use and before jump starting a vehicle.

Tip: To extend its life, charge the product every six months.

2-YEAR STANDBY

Under moderate conditions, a fully charged SHARMEAL jump starter can standby for two years



Image: Sharmeal Jump Starter M10 showing full charge and highlighting its long standby time.

6. OPERATING INSTRUCTIONS

6.1 Jump Starting a Vehicle

- Step 1: Insert** - Ensure the jump starter is fully charged. Open the protective cap on the jump starter and firmly insert the smart jumper cable connector into the jump starter's port. The indicator light on the smart cable should flash red and green.
- Step 2: Connect** - Connect the red (+) clamp to the positive (+) terminal of the vehicle's battery. Connect the black (-) clamp to the negative (-) terminal of the vehicle's battery. The smart cable indicator light should turn solid green, indicating a safe connection. If it flashes red and green,

check connections or if the battery is too low, use the force start function.

3. **Step 3: Start** - Once the smart cable indicator is solid green, start your vehicle's engine within 30 seconds.
4. **Step 4: Remove** - After the engine starts, immediately remove the smart jumper cables from the vehicle battery terminals, then disconnect the smart cable from the jump starter.

Note: If the vehicle battery is extremely low and the smart cable does not show a solid green light, press the 'Force Start' button on the jump starter to manually activate it.

HOW TO USE YOUR JUMP STARTERS



STEP1
INSERT



STEP2
CONNECT



STEP3
START



STEP4
REMOVE

Image: Step-by-step guide for jump starting a vehicle using the Sharmeal M10.

PRESS FORCED START BUTTON TO FORCE START THE DEAD VEHICLE

LOW VOLTAGE CAR BATTERY CANNOT BE RECOGNIZED
BY JUMP STARTER , MANUALLY PRESS Forced start button TO ACTIVATE.



Image: Close-up of the 'Force Start' button on the Sharmeal Jump Starter M10.

7. MULTI-FUNCTION FEATURES

7.1 LED Flashlight

The Sharmeal Jump Starter M10 features a built-in LED work light with three modes:

- **Flashlight:** Provides continuous illumination.
- **Strobe Light:** Emits a flashing light for signaling.
- **SOS Light:** Flashes the international SOS distress signal.

To activate the flashlight, press and hold the power button. Press the power button again to cycle through the modes.

7.2 Portable Power Bank

The unit also functions as a portable power bank to charge your electronic devices.

1. Connect your device's USB charging cable to one of the USB output ports on the jump starter.
2. The jump starter will automatically begin charging your device.



Image: Sharméal Jump Starter M10 showcasing its multiple functions.

8. MAINTENANCE

- Store the jump starter in its portable carrying case in a cool, dry place.
- Recharge the unit every six months to maintain optimal battery health and extend its lifespan.
- Clean the exterior of the unit with a soft, dry cloth. Do not use harsh chemicals or abrasives.

9. TROUBLESHOOTING

9.1 Unit Not Charging

- Ensure the Type-C charging cable is securely connected to both the jump starter and the power source.
- Verify that the power adapter or USB port is functional.
- Allow sufficient time for charging. The unit may take several hours to fully charge, especially if completely depleted.

9.2 Smart Jumper Cable Indicator Not Solid Green

- Check that the clamps are securely connected to the correct battery terminals (red to positive, black to negative).
- If the vehicle battery is extremely low, the smart cable may not detect it immediately. Use the 'Force Start' button on the jump starter to override this.
- Ensure the jump starter itself is adequately charged.

9.3 Vehicle Does Not Start

- Confirm all connections are secure and the smart cable indicator is solid green.
- Attempt to start the vehicle again after waiting a few minutes.
- If the vehicle still does not start, there may be an issue beyond the battery, such as a starter motor problem. Consult a professional mechanic.

10. WARRANTY AND SUPPORT

Sharmal specializes in vehicle emergency starters and offers a **24-month warranty** on this product. For warranty claims, technical support, or any inquiries, please refer to the contact information provided on the product packaging or the official Sharmal website.

Related Documents - M10

	<p>M10 TWS Earphones User Manual and Specifications</p> <p>Comprehensive guide for M10 TWS earphones, covering specifications, pairing, operation, maintenance, safety, and warranty information.</p>
	<p>M10 Wireless Headset User Manual and Specifications</p> <p>Comprehensive guide for the M10 Wireless Headset, covering product features, operation, pairing, troubleshooting, and FCC compliance. Includes detailed instructions for use and maintenance.</p>
	<p>M10 Self-Cleaning Robot Vacuum and Mop Owner's Manual</p> <p>Owner's manual for the M10 Self-Cleaning Robot Vacuum and Mop, providing safety information, product introductions, usage instructions, routine maintenance, troubleshooting, and FAQs.</p>
	<p>AstroAI M10 Jump Starter with Air Compressor User Manual</p> <p>Comprehensive user manual for the AstroAI M10 Jump Starter with Air Compressor, covering setup, operation, maintenance, troubleshooting, and specifications.</p>
	<p>SPERAS M10 Plus Flashlight User Manual and Warranty Information</p> <p>Comprehensive user manual and warranty details for the SPERAS M10 Plus LED flashlight, including specifications, operating instructions, maintenance, and warranty terms.</p>
	<p>RF Test Report for Botslab Battery Camera (BC-BD06-M10 Series) - FCC ID 2A22Z-W520</p> <p>Detailed RF test report for the Botslab Battery Camera, covering DFS parameters, test results, and equipment specifications according to FCC Part 15.407 and ANSI C63.10-2013 standards. Includes model numbers BC-BD06-M10 series and FCC ID 2A22Z-W520.</p>