

MAXTOOLS JS1000

MAXTOOLS JS1000 Professional Jump Starter User Manual

Model: JS1000

1. INTRODUCTION

The MAXTOOLS JS1000 is a professional portable emergency jump starter designed for 12V vehicles. It provides a robust 1380A starting current with a 4140A peak current, making it suitable for a wide range of automotive applications, including cars, utility vehicles, and more. Equipped with an AGM lead battery and specialized clamps with integrated LED lights, this unit offers reliability and ease of use in various conditions.



Image 1.1: MAXTOOLS JS1000 Professional Jump Starter

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the MAXTOOLS JS1000. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always wear eye protection and protective clothing when working with batteries.
- Ensure the work area is well-ventilated.
- Do not smoke or allow sparks or flames in the vicinity of the battery or jump starter.
- Avoid touching battery terminals or clamps together to prevent short circuits.
- Keep the jump starter away from children and unauthorized personnel.
- Do not attempt to jump start a frozen battery.

- If battery acid comes into contact with skin or eyes, flush immediately with plenty of clean water and seek medical attention.
- Only use the jump starter for 12V lead-acid batteries.

3. PRODUCT COMPONENTS

Familiarize yourself with the key components of your MAXTOOLS JS1000 jump starter:



Image 3.1: MAXTOOLS JS1000 Key Features

- **Indestructible PE Casing:** Provides lifetime durability and protection for internal components.
- **Robust AGM Battery:** A high-performance, fuse-protected Absorbed Glass Mat battery for reliable power delivery.
- **Radaflex Cables:** Super flexible and durable cables for easy connection.
- **Professional Clamps with LED Light:** Fully insulated clamps with integrated LED lighting for safe and convenient use in low-light conditions.
- **Precise Voltmeter:** For monitoring the unit's battery status.
- **Fuse-Protected 12V Output:** A 12V auxiliary power outlet for charging other devices, protected by a

16A fuse.

4. INITIAL SETUP & CHARGING

Before first use, and for optimal performance, the MAXTOOLS JS1000 must be fully charged.

1. Upon receiving the product, charge the unit for at least 24 hours.
2. Connect the provided charging cable to the unit's charging port and plug it into a standard wall outlet.
3. Monitor the voltmeter or charging indicator (if present) to confirm charging is in progress.
4. Once fully charged, disconnect the charging cable.

Important: Regular charging is crucial for battery longevity. Recharge the unit every three months to ensure it operates at full power for many years.

5. OPERATING INSTRUCTIONS

5.1. Jump Starting a Vehicle

The MAXTOOLS JS1000 is designed for easy and effective jump starting of various 12V vehicles, including utility cars, sedans, pick-ups, campers, vans, motorboats, and tractors.

USO PROFESSIONALE

Avviatore d'emergenza *per qualsiasi auto e veicolo 12V, diesel o benzina.*



Image 5.1: Vehicle Compatibility

1. Ensure the jump starter is fully charged.
2. Turn off the ignition of the vehicle to be jump started and ensure all accessories (lights, radio, etc.) are off.
3. Connect the **red positive (+) clamp** to the positive (+) terminal of the vehicle's battery.
4. 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 unless specified by the vehicle manufacturer.

LUCE LED

*La pinza blu, dotata di **luce LED**, permette l'impiego notturno ed evita che si creino pericolosi cortocircuiti.*



Image 5.2: Connecting the Jump Starter

5. Once connected, attempt to start the vehicle. If it doesn't start immediately, wait a few minutes before trying again. Do not crank the engine for more than 5 seconds at a time.
6. After the vehicle starts, disconnect the black negative (-) clamp first, then the red positive (+) clamp.
7. Allow the vehicle's engine to run for at least 20 minutes to recharge its battery.

5.2. Using the LED Light

The integrated LED light on the clamps facilitates correct operation in dark environments.



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- To activate the LED light, press and hold the button located on the clamp.
- The light will remain on as long as the button is pressed. This design prevents accidental prolonged use and excessive battery discharge.

6. MAINTENANCE & STORAGE

Proper maintenance ensures the longevity and performance of your MAXTOOLS JS1000.

- **Regular Charging:** Recharge the unit every three months, even if not in use, to maintain the AGM battery's health.
- **Cleaning:** Keep the unit and clamps clean and free from dirt, grease, and moisture. Use a dry cloth for cleaning.
- **Storage:** Store the jump starter in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure clamps are properly stored to prevent accidental contact.
- **Cable Inspection:** Periodically inspect the Radaflex cables and clamps for any signs of damage, wear, or corrosion. Replace if necessary.

7. TROUBLESHOOTING

If you encounter issues with your MAXTOOLS JS1000, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Vehicle does not start	Jump starter battery is low; Incorrect clamp connection; Vehicle battery severely discharged or faulty.	Recharge the jump starter; Ensure clamps are securely connected to correct terminals; Allow more time for charging before attempting to start; Consult a professional if vehicle battery is faulty.
LED light does not turn on	Button not pressed firmly; Jump starter battery is critically low.	Press and hold the LED button firmly; Recharge the jump starter.
Jump starter not charging	Charging cable not properly connected; Faulty power outlet; Internal issue.	Check all connections; Try a different power outlet; Contact customer support if the issue persists.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	JS1000
Brand	MAXTOOLS
Starting Current	1380A

Feature	Specification
Peak Current	4140A
Voltage	12 Volts
Battery Type	AGM Lead-Acid (VRLA)
Battery Capacity	22 Ampere-hours (Ah)
Product Dimensions (L x W x H)	15.1 x 8.1 x 3.2 cm
Item Weight	10.5 Kilograms
Cable Length	125 cm (approx.)
Auxiliary Output	12V, Fuse-protected (16A)
Certifications	CE

9. WARRANTY & SUPPORT


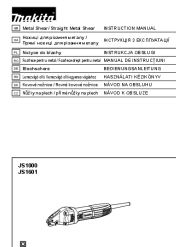



For warranty information, customer care, manuals, tutorials, and spare parts, please refer to the official MAXTOOLS website.



Image 9.1: MAXTOOLS Support Information

Official Website: www.max-tools.eu

Please retain your proof of purchase for any warranty claims.

	<p>JS500 12V Jump Starter User Manual</p> <p>This user manual provides comprehensive instructions for the JS500 12V Jump Starter. It covers essential safety precautions, product features, operating procedures for starting vehicles, recharging the unit, storage guidelines, and warranty information. The manual is presented in multiple languages, with English as the primary language.</p>
	<p>Makita JS1000 & JS1601 Metal Shear Instruction Manual</p> <p>Comprehensive instruction manual for Makita JS1000 and JS1601 straight metal shears, covering specifications, safety warnings, operation, maintenance, and assembly.</p>
	<p>Onyx Healthcare 2024 Catalogue: Advancing Medical AI Innovation</p> <p>Explore the Onyx Healthcare 2024 Catalogue, featuring cutting-edge medical AI hardware, including AI-ready PCs, medical cart computers, tablets, and displays designed for enhanced patient care and operational efficiency. Discover solutions for digital operating rooms and advanced medical imaging.</p>
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