

[Manuals.plus](#) /

› [EMSON](#) /

› EMSON Bullseye SafetyXL 1000A Portable Car Battery Jump Starter User Manual

EMSON 6825

EMSON Bullseye SafetyXL 1000A Portable Car Battery Jump Starter

MODEL: 6825

Introduction

The EMSON Bullseye SafetyXL 1000A Portable Car Battery Jump Starter is a compact and powerful device designed to jump-start 12V vehicles with dead batteries. It also functions as a portable power bank for charging electronic devices and includes an integrated LED flashlight for emergencies. This manual provides essential information for safe and effective use of your jump starter.

NO MORE DEAD BATTERIES

Always Prepared

NO SECOND
VEHICLE
NEEDED

JUMP-START
YOUR CAR IN
SECONDS



12V
SYSTEM

1000
PEAK AMPS

COMPACT
GLOVE-BOX READY

100 LM
LED LIGHT

LI-ION
PEAK AMPS

Image: The Bullseye SafetyXL 1000A Jump Starter connected to a car battery, demonstrating its primary function.

This jump starter is suitable for a wide range of 12V vehicles, including cars, SUVs, trucks, motorcycles, ATVs, RVs, vans, buses, and watercraft. It is rated to start gas engines up to 6.0L and diesel engines up to 3.0L.

RECHARGEABLE JUMP STARTER



Portable 1000A Jump Starter for most 12V Vehicles

Image: An illustration showing the Bullseye SafetyXL 1000A Jump Starter's compatibility with various vehicle types, including cars, trucks, boats, and motorcycles.

Safety Information

Read all safety warnings and instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury. Keep this manual for future reference.

- **Spark-Proof Technology:** The device features spark-proof technology to prevent sparks during connection, enhancing safety.
- **Reverse-Polarity Protection:** Built-in protection prevents damage if the clamps are connected incorrectly to the battery terminals.
- **Overcurrent Protection:** Safeguards against excessive current flow.
- **Overcharge Protection:** Prevents the internal battery from being overcharged.
- **Short Circuit Protection:** Protects against short circuits.
- **Thermal Protection:** Integrated Battery Management System (BMS) helps regulate temperature.

- Always ensure proper ventilation when operating.
- Do not expose the unit to water, rain, or extreme temperatures.
- Keep out of reach of children.

Traditional Cables Old Way	Bullseye Safe Start Jump Starter New Way
	
 Needs another car	 No second vehicle
 Can spark if connected incorrectly	 Spark-proof protected
 Easy to connect incorrectly	 Reverse polarity safety
 No surge protection	 Smart battery protection system

Image: A visual comparison illustrating the safety advantages of the Bullseye Safe Start Jump Starter over traditional jumper cables, emphasizing spark-proof and reverse polarity protection.

SAFE START TECHNOLOGY

Fool-Proof and Spark-Proof. Safer for beginners.



Won't send power if connected wrong



Reverse Polarity Protection



Spark-Proof Technology



Short Circuit Protection



Overcharge Protection



Automatic Power-Off



LED Status Indicators

Image: A woman demonstrating the safe connection of the Bullseye SafetyXL 1000A Jump Starter to a car battery, highlighting the ease and safety of use.

What's Included

Verify that all items are present in the package:

- Bullseye Jump Starter Battery pack
- Jumper Cables (with smart clamp)
- Nylon Carry Case
- USB-C Charger cable

COMPLETE ROADSIDE POWER KIT

Includes:



Jump Starter



Protective Storage Bag



**USB-C
Charging Cable**

Heavy Duty Jumper Cables

Image: The complete contents of the Bullseye SafetyXL 1000A Jump Starter kit, laid out to show the jump starter unit, heavy-duty jumper cables, nylon carry case, and USB-C charging cable.

Setup: Initial Charging

Before first use, fully charge the Bullseye SafetyXL Jump Starter. A full charge ensures optimal performance and readiness for emergencies.

1. Connect the provided USB-C charging cable to the USB-C input port on the jump starter.
2. Connect the other end of the USB-C cable to a compatible USB wall adapter (not included) or a powered USB port.
3. The digital display will show the charging progress. Charge until the display indicates 100%.
4. A full charge typically takes 4-5 hours with a standard 5V/2A adapter, or approximately 2.5 hours with a fast-charging USB-C power delivery adapter.

It is recommended to recharge the unit every 3-6 months, even if not used, to maintain battery health.

Operating Instructions

A. Jump Starting a Vehicle

Ensure the jump starter is at least 50% charged before attempting to jump-start a vehicle.

1. **Turn off the vehicle:** Ensure the vehicle's ignition is off and all accessories (lights, radio, etc.) are turned off.
2. **Connect the Jumper Cables:** Plug the smart clamp end of the jumper cables into the jump starter's port.
3. **Attach to Battery:** Connect the **RED (+)** clamp to the vehicle's positive battery terminal. Connect the **BLACK (-)** clamp to the vehicle's negative battery terminal.
4. **Wait for Indicator:** The smart clamp will display a green light or indicator on the jump starter's screen when a safe connection is established and it's ready to boost. If a red light or error message appears, check connections for correct polarity and secure contact.
5. **Start Vehicle:** Once the green indicator is solid, start your vehicle's engine.
6. **Disconnect:** After the engine starts, immediately disconnect the **BLACK (-)** clamp first, then the **RED (+)** clamp. Finally, unplug the smart clamp from the jump starter.

JUMP START WITH TOTAL CONFIDENCE

Engine Starting Made Simple & Safe

1



Connect Red Clamp to Positive (+), Black Clamp Negative (-)

2



Wait for "GREEN" Indicator Light/Screen

3



Start Your Vehicle Light/Engine & Disconnect



Heavy-Duty Color Coded Clamps



Secure Grip Design



Clear Visual Indications

• EASY. SAFE. RELIABLE •

Image: A clear, three-step diagram illustrating how to jump start a vehicle: 1) Connect red clamp to positive, black clamp to negative; 2) Wait for green indicator; 3) Start vehicle and disconnect.

Important: Do not attempt more than five consecutive jump starts within 15 minutes to prevent overheating. Allow the unit to cool down if multiple attempts are needed.

B. Using as a Power Bank

The jump starter can charge various electronic devices via its USB ports.

1. Connect your device's charging cable to either the USB-A output port or the USB-C input/output port on the jump starter.
2. Press the power button on the jump starter to activate charging. The digital display will show "OUT 5V" and the remaining battery percentage.
3. The jump starter will automatically turn off after a few seconds if no device is connected or if the connected device is fully charged.

POWER WHEN YOU NEED IT MOST

Fits in Glove Box or Backpack

8in x 3.7in x 1.8in

Glovebox Ready

Backpack Friendly

Trunk Essential

5-Year Warranty / Perfect Gift for Any Driver

Image: The Bullseye SafetyXL 1000A Jump Starter connected to and charging a smartphone, illustrating its capability as a portable power bank.

C. Using the LED Light

The built-in LED light provides illumination for nighttime emergencies or general use.

1. Press and hold the power button for approximately 2.5 seconds to turn on the jump starter. The digital display will activate.
2. Press the dedicated flashlight button (usually located near the power button) once to turn on the steady LED light.
3. Press the flashlight button a second time for SOS mode (flashing S-O-S pattern).
4. Press the flashlight button a third time for Strobe mode (rapid flashing).
5. Press the flashlight button a fourth time to turn off the LED light.



MORE THAN A JUMP STARTER

Your Emergency Power Companion





Up to 18 Jump Starts per Charge



Supports Engines up to 6.0L Gas



Always Bright SOS Mode Strobe Flash
3 Light Modes



15W Fast USB-C Recharge

Image: A person utilizing the integrated LED flashlight of the Bullseye SafetyXL 1000A Jump Starter in a low-light environment, demonstrating its utility as an emergency light source.

Charging the Jump Starter

To recharge the internal battery of the Bullseye SafetyXL Jump Starter:

- Use the included USB-C charging cable.
- Connect the USB-C end to the jump starter's USB-C port.
- Connect the other end to a USB power source (e.g., car charger, wall adapter, computer USB port).
- The digital display will show the charging percentage. Charge until it reaches 100%.

The unit can provide up to 18 jump starts on a single full charge, depending on engine size and battery condition.

Maintenance and Storage

Proper maintenance and storage will extend the life of your jump starter:

- **Cleaning:** Wipe the unit with a dry, soft cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage Temperature:** Store the jump starter in a cool, dry place, away from direct sunlight and extreme temperatures (below -20°C or above 60°C).
- **Recharge Frequency:** Recharge the unit every 3-6 months to maintain the internal lithium-ion battery's health, even if it has not been used.
- **Transport:** Use the provided nylon carry case for protection during transport and storage.

Troubleshooting

Problem	Possible Cause	Solution
Jump starter does not turn on.	Battery is completely drained.	Charge the jump starter fully.
Vehicle does not start after connecting.	Incorrect clamp connection; Jump starter battery too low; Vehicle battery severely damaged; Engine issue.	Check clamp polarity and secure connection (wait for green indicator). Recharge jump starter. Consult a mechanic if battery or engine issues persist.
Smart clamp shows red light/error.	Reverse polarity connection; Loose connection; Short circuit detected.	Disconnect clamps and reconnect correctly (Red to +, Black to -). Ensure clamps are firmly attached. If error persists, the vehicle battery may be faulty.
Jump starter overheats during use.	Too many consecutive jump attempts.	Allow the unit to cool down for at least 15 minutes before further attempts. Do not exceed five consecutive jump starts.
Devices not charging from USB ports.	Jump starter not turned on; Cable issue; Device incompatibility.	Press the power button to activate. Try a different USB cable. Ensure your device is compatible with 5V USB charging.

Specifications

Feature	Specification
Model Number	6825
Peak Amperage	1000 A
Voltage	12 V

Feature	Specification
Battery Cell Composition	Lithium Polymer
Battery Capacity	Approx. 2250 mAh (as per review, 1 Ah in specs is likely a typo)
Engine Compatibility	Up to 6.0L Gas, Up to 3.0L Diesel
USB-C Input/Output	Up to 15W Fast Charging
USB-A Output	Up to 10W
LED Light Output	100 Lumens (approx.)
Safety Certifications	ETL

Official Product Video

Video: An official product video demonstrating the features and usage of the Bullseye SafetyXL Jump Starter. This video is provided by the seller, REAL CO USA.

Warranty and Support

For warranty information, please refer to the packaging included with your Bullseye SafetyXL 1000A Portable Car Battery Jump Starter. EMSON, a trusted US company since 1946, stands behind its products.

For technical support or customer service inquiries, please contact EMSON customer support through their official website or the contact information provided on the product packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question