

Nekteck NK-JS19800

Nekteck NK-JS19800 Portable Car Jump Starter User Manual

Model: NK-JS19800

1. IMPORTANT SAFETY INFORMATION

Please read this user manual carefully before operating the Nekteck NK-JS19800 Portable Car Jump Starter. Failure to follow these instructions may result in electric shock, fire, or serious injury. Keep this manual for future reference.

- Always connect the jump starter clamps to the vehicle battery terminals in the correct polarity (red to positive, black to negative).
- Do not short-circuit the jump starter clamps by connecting the red and black clamps together.
- Do not expose the product to rain or water.
- Do not operate the jump starter if it is damaged or modified.
- Keep out of reach of children.
- Ensure the jump starter is fully charged before use.
- This device is UL 2743 (SGS Certified) for safety.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Nekteck NK-JS19800 Jump Starter (Battery Host) x1
- Intelligent Battery Clamps x1
- Charging Cable (USB-C) x1
- Charging Cable (Micro USB) x1
- QC 3.0 Charger Adapter x1
- Storage Case x1
- User Manual x1

PACKAGE CONTENTS



Micro USB
Cable



Type-C
Cable



Intelligent Battery
Clamps



Case



Nekteck Jump starter



QC 3.0 Charger Adapter



User Manual

Image: Contents of the Nekteck NK-JS19800 package, including the jump starter, intelligent clamps, various charging cables, a charger adapter, a storage case, and the user manual.

3. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the different parts and functions of your Nekteck NK-JS19800 Jump Starter:

JUMP STARTER DIAGRAM



Image: Diagram illustrating the various ports and indicators on the Nekteck NK-JS19800 Jump Starter.

- **Battery Level Indicators:** Displays the remaining charge of the jump starter.
- **Power Button:** Turns the device on/off and activates the LED light.
- **Jump Start Socket:** Connects to the intelligent battery clamps for jump starting.
- **USB A (5V/2.4A) Output:** Standard USB port for charging devices.
- **USB A QC3.0 (5V/2.4A, 9V/2A, 12V/1.5A) Output:** Quick Charge 3.0 port for faster charging of compatible devices.
- **USB C Input/Output (5V/3A):** Used for charging the jump starter itself or charging compatible USB-C devices.
- **DC 15V 10A Output Port:** Provides 15V DC power for compatible devices.
- **LED Emergency Light:** Multi-mode flashlight for illumination and signaling.

4. CHARGING THE JUMP STARTER

Before first use, fully charge the jump starter. It takes approximately 5-6 hours for a full charge.

1. Connect the provided USB-C charging cable to the USB C Input/Output port on the jump starter.
2. Connect the other end of the USB-C cable to the QC 3.0 Charger Adapter.
3. Plug the charger adapter into a wall outlet.
4. The battery level indicators will light up, showing the charging progress. All four lights will be solid when fully charged.

It is recommended to recharge the jump starter every 3 months to maintain optimal battery health, even if not in use.

5. OPERATING INSTRUCTIONS: JUMP STARTING A VEHICLE

The Nekteck NK-JS19800 can jump start vehicles with up to 10L gas or 7L diesel engines, including cars, motorcycles,

ATVs, lawn mowers, and tractors.

1. Ensure the jump starter is sufficiently charged (at least 50% recommended).
2. Turn off your vehicle's ignition and all accessories (headlights, radio, etc.).
3. Connect the red (+) clamp of the intelligent battery clamps to the positive (+) terminal of your vehicle's battery.
4. Connect the black (-) clamp of the intelligent battery clamps to the negative (-) terminal of your vehicle's battery.
5. Plug the intelligent battery clamps connector into the Jump Start Socket on the Nekteck jump starter. Ensure a secure connection.
6. The intelligent clamps will indicate if the connection is correct. If an error is detected (e.g., reverse polarity), do not proceed.
7. Start your vehicle's engine. If it doesn't start immediately, wait 30 seconds before trying again. Do not crank for more than 3 seconds per attempt.
8. Once the vehicle starts, immediately disconnect the intelligent battery clamps from the jump starter.
9. Then, disconnect the black (-) clamp from the vehicle battery, followed by the red (+) clamp.



Image: The Nekteck NK-JS19800 Jump Starter connected to a car battery using intelligent clamps, highlighting safety features like short-circuit and reverse polarity protection.

6. OPERATING INSTRUCTIONS: POWER BANK FUNCTION

The Nekteck NK-JS19800 can also serve as a power bank to charge your electronic devices.

- **USB A Output:** Connect your device's USB charging cable to the USB A (5V/2.4A) port.

- **USB A QC3.0 Output:** For faster charging of compatible devices, use the USB A QC3.0 port (5V/2.4A, 9V/2A, 12V/1.5A).
- **USB C Output:** Connect your USB-C compatible device to the USB C Input/Output port (5V/3A).
- **DC 15V 10A Output:** Use this port with a compatible adapter (not included) to power 15V DC devices.



USB A 5V/2.4A
 QC-USB A 5V/2.4A, 9V/2A, 12V/1.5A
 TYPE C 5V/3A

Image: The Nekteck NK-JS19800 Jump Starter being used as a power bank to charge mobile devices via its USB-A, QC-USB A, and Type-C ports.

7. LED FLASHLIGHT MODES

The built-in LED light provides illumination and emergency signaling options:

1. Press and hold the Power button for 3 seconds to turn on the **Normal Light** mode.
2. Press the Power button once more to switch to **Strobe Light** mode.
3. Press the Power button again to activate **SOS Light** mode.
4. Press the Power button one last time to turn off the LED light.

8. SPECIFICATIONS

Feature	Specification
Model Number	NK-JS19800

Battery Capacity	19800mAh
Peak Amperage	2000 Amps
Start Voltage	12V
Engine Compatibility (Gas)	Up to 10L
Engine Compatibility (Diesel)	Up to 7L
USB A Output	5V/2.4A
USB A QC3.0 Output	5V/2.4A, 9V/2A, 12V/1.5A (18W)
USB C Input/Output	5V/3A (15W)
DC Output	15V/10A
Full Charge Time	5-6 hours
Dimensions (L x W x H)	8.85 x 3.5 x 1.1 inches
Weight	2.7 pounds
Material	Plastic

THIN AND LIGHT FOR EASY HOLDING

Edge anti-slip grip design for comfortable hand holding



Image: Visual representation of the Nekteck NK-JS19800 dimensions and non-slip grip design.

9. MAINTENANCE AND STORAGE

- Recharge the jump starter every 3 months to maintain optimal battery performance and extend its lifespan.
- Store the device in a cool, dry place away from direct sunlight, heat sources, and flammable materials.
- Keep the ports clean and free from dust and debris.
- Use a soft, dry cloth to clean the exterior of the unit. Do not use harsh chemicals or abrasive cleaners.

10. TROUBLESHOOTING

If you encounter issues with your Nekteck NK-JS19800, refer to the following common troubleshooting steps:

- **Device not turning on:** Ensure the battery is charged. If completely depleted, it may take a few minutes to respond to charging.
- **Vehicle not starting:** Check that the intelligent clamps are securely connected to the correct battery terminals. Ensure the jump starter has sufficient charge. The vehicle battery might be severely damaged and require professional assistance.
- **Intelligent clamps show an error:** Disconnect and reconnect the clamps, ensuring correct polarity. If the error persists, the vehicle battery might be faulty or the clamps may be damaged.
- **Device not charging:** Verify that the charging cable and adapter are correctly connected and functioning. Try a different USB-C cable or power source.

11. WARRANTY AND SUPPORT

Nekteck products are designed and manufactured to the highest quality standards. This product is covered by a standard manufacturer's warranty against defects in materials and workmanship.

- For warranty claims or technical support, please contact Nekteck customer service.
- Keep your purchase receipt as proof of purchase for warranty validation.