Dyeetic D16

Dyeetic D16 6000A Portable Car Jump Starter User Manual

Brand: Dyeetic | **Model:** D16

1. Product Overview

The Dyeetic D16 6000A Portable Car Jump Starter is a versatile and essential tool for vehicle owners. Designed to provide a powerful 6000A peak current, it can effortlessly start engines up to 12L diesel and all gasoline engines, even in extreme temperatures ranging from -4°F to 140°F. Beyond its primary function, the D16 also serves as a 26800mAh high-capacity power bank with fast charging capabilities and features a multi-mode LED flashlight for emergencies. Its compact design and robust safety features ensure reliability and convenience on the go.



Image: The Dyeetic D16 Jump Starter unit, smart jumper cables, USB-C charging cable, and portable EVA carrying case.

2. What's Included

Your Dyeetic D16 Jump Starter package includes the following components:

- 1 x D16 Jump Starter Unit
- 1 x Smart Jumper Cable with Force Start Button
- 1 x USB-C Charging Cable
- 1 x User Manual
- 1 x Portable EVA Carrying Case



Image: All items included in the Dyeetic D16 Jump Starter package.

3. Setup & Charging

Charging the D16 Unit

Before first use, fully charge the D16 jump starter. Use the provided USB-C charging cable to connect the unit to a compatible USB power adapter (not included). The digital display will indicate the charging progress. A full charge provides up to 24 months of standby time due to ultra-low power consumption.

Connecting Jumper Cables

Ensure the D16 unit is fully charged. Insert the smart jumper cable plug firmly into the jump starter's dedicated port. The smart clamp will indicate readiness with a green light.

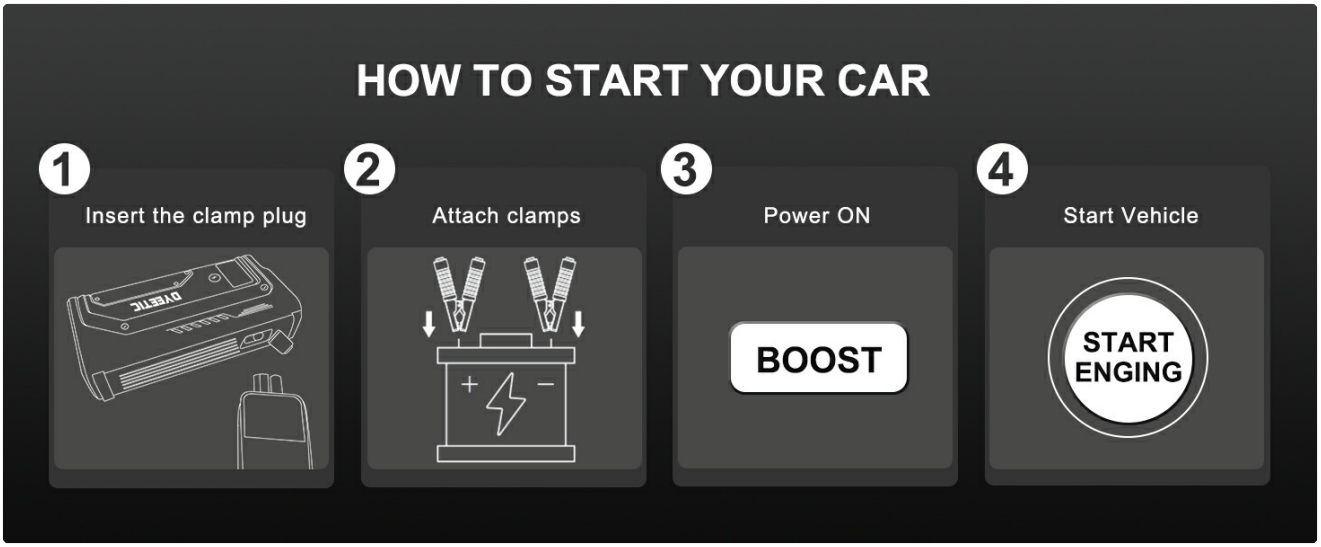


Image: Visual guide for connecting the jump starter to a vehicle battery.

4. Operating Instructions

Jump Starting a Vehicle

1. **Connect Cables:** Insert the smart jumper cable plug into the jump starter.
2. **Attach Clamps:** Connect the red (+) clamp to the positive terminal of the vehicle's battery and the black (-) clamp to the negative terminal.
3. **Power On:** The smart clamp will automatically detect the battery voltage. If the battery is completely dead, press and hold the "BOOST" button on the smart clamp for approximately 3 seconds until the green light illuminates and stays on.
4. **Start Vehicle:** Once the green light is solid, start your vehicle.
5. **Disconnect:** After the vehicle starts, immediately remove the clamps from the battery terminals, then disconnect the smart jumper cable from the jump starter.

Using as a Portable Power Bank

The D16 features a 26800mAh battery capacity with two output ports (18W Fast Charging) to charge your electronic devices. Simply connect your device's USB charging cable to the appropriate USB-OUT port on the D16 unit. The unit's display will show the charging status.



Image: The Dyeetic D16 unit functioning as a power bank, charging multiple devices.

LED Flashlight Modes

The D16 is equipped with a 500-lumen LED flashlight with three modes for various situations:

- **Normal Light:** Press and hold the power button to turn on the steady flashlight.
- **SOS Mode:** Press the power button again (while the light is on) to activate the SOS signal.
- **Strobe Mode:** Press the power button a third time to activate the strobe light.
- To turn off the flashlight, press the power button a fourth time or hold it down.



Image: The powerful LED flashlight feature of the Dyeetic D16.

5. Safety Features

The Dyeetic D16 is engineered with 10 intelligent safety features to ensure safe and reliable operation:

- Reverse Charge Protection
- Reverse Polarity Protection
- Overvoltage Protection
- Low Temperature Protection
- High Temperature Protection
- Overcurrent Protection
- Overcharge Protection
- Anti-Spark Protection
- Overload Protection

- Short Circuit Protection

The unit is also made of UL94-V0 flame retardant housing and is dustproof and waterproof (IP65), providing high standards of fire and impact resistance.



Image: Visual representation of the 10 leading safety protections integrated into the D16.

6. Maintenance

To ensure the longevity and optimal performance of your Dyeetic D16 Jump Starter:

- **Regular Charging:** Although it boasts a 24-month standby time, it is recommended to recharge the unit every 3-6 months to maintain battery health, especially if not used frequently.
- **Proper Storage:** Store the jump starter in its portable EVA carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cleanliness:** Keep the unit and clamps clean and free from dirt, dust, and moisture.



Image: The D16 unit highlighting its impressive 24-month standby time on a single full charge.

7. Troubleshooting

If you encounter issues with your Dyeetic D16 Jump Starter, consider the following:

- **Unit Not Turning On:** Ensure the unit is sufficiently charged. If the battery is very low, it may not power on immediately. Charge it for a few minutes before attempting to power on.
- **Vehicle Not Starting:**
  - Check that the jumper cables are securely connected to both the jump starter and the vehicle battery terminals.
  - Ensure the clamps are connected correctly (red to positive, black to negative).
  - If the battery is completely dead, use the "BOOST" function as described in the operating instructions.
  - Verify that your vehicle's engine size is within the D16's capabilities (up to 12L diesel and all gas engines).

- **Device Not Charging (Power Bank):** Ensure the D16 unit is powered on and has sufficient charge. Try a different USB cable or port.
- **Flashlight Not Working:** Press and hold the power button to activate the flashlight. If it doesn't turn on, the unit may need charging.

For persistent issues, refer to the detailed user manual included in your package or contact customer support.

8. Specifications

Feature	Specification
Model	D16
Peak Current	6000A
Battery Capacity	26800mAh (3.7V / 99.16Wh)
Engine Compatibility	All Gas Engines, up to 10.0L Diesel Engines
Input (USB-C)	5V / 2A, 9V / 2A (18W Fast Recharging)
Output (USB1)	5V / 2.4A
Output (USB2)	5V / 2.4A, 9V / 2A, 12V / 1.5A (QC3.0 Fast Charge)
Working Temperature	-20°C to 60°C (-4°F to 140°F)
Dimensions	1.77"D x 3.5"W x 7"H
Item Weight	2.37 lbs
LED Modes	Normal, Strobe, SOS



Image: Comprehensive technical specifications of the Dyeetic D16.

9. Warranty & Support

Dyeetic is committed to providing high-quality products and excellent customer service. Your D16 Jump Starter comes with:

- **36 Months Hassle-Free Returns:** Enjoy peace of mind with an extended return policy.
- **Lifetime Hotline Technical Support:** Access expert assistance whenever you need it.
- **3 Years Warranty:** Comprehensive warranty coverage for your product.
- **30 Days Unconditional Return Guarantee:** If you're not satisfied, return it within 30 days.
- **24 Hours 7x24 Customer Support:** Dedicated support available around the clock.



Image: Icons representing Dyeetic's commitment to warranty and customer support.

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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.

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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