

GemCoo JYZL009R-IFBA

GemCoo Quick Charge 3.0 Dual USB Car Charger Socket User Manual

Model: JYZL009R-IFBA

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your GemCoo Quick Charge 3.0 Dual USB Car Charger Socket. Please read this manual thoroughly before use to ensure proper function and safety.



Image 1.1: GemCoo Quick Charge 3.0 Dual USB Car Charger Socket with included wiring and 10A fuse.

2. PRODUCT FEATURES

- **Dual QC3.0 USB Ports:** Equipped with two 18W / 3A Quick Charge 3.0 ports, offering up to 4 times faster charging than conventional chargers. Compatible with Quick Charge 2.0 and 1.0, suitable for various USB devices.
- **ON / OFF Touch Switch:** Features a built-in touch-sensitive switch for power control, allowing you to conserve energy and extend the lifespan of the product and connected devices.
- **Digital LED Indicator:** A blue LED indicator confirms successful connection and aids in operation within dark environments.
- **Water and Heat Resistant:** Constructed from advanced ABS materials with an IP66 sealing rating, ensuring reliable performance in temperatures ranging from -40°C to +60°C.
- **Wide Compatibility:** Designed for most 12-24V DC vehicles, including cars, boats, motorcycles, trucks, SUVs, ATVs, and recreational vehicles.



Image 2.1: The charger installed in a vehicle, demonstrating its dual charging capability for a smartphone and tablet.

3. SPECIFICATIONS

Attribute	Value
Model Number	JYZL009R-IFBA
Input Voltage	12V-24V DC
Output (per port)	QC3.0 (18W / 3A)
Total USB Ports	2
Total Wattage	36W
Amperage	10 Amps (Max)
Product Dimensions	5.91 x 1.97 x 1.18 inches
Item Weight	2.11 ounces
Special Feature	IP66 Waterproof, Touch Switch

Operating Temperature	-40°C to +60°C
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4. SAFETY INFORMATION

- Ensure the input voltage of your vehicle is within the 12V-24V DC range.
- Do not expose the product to extreme physical shock or disassemble it.
- Always connect the wiring correctly: positive (+) to the positive terminal of the battery, and negative (-) to the negative terminal or vehicle ground.
- Use the included 10A fuse to protect against overcurrent.
- Keep the protective cap closed when the charger is not in use to maintain its waterproof and dustproof rating.

5. INSTALLATION

Follow these steps for proper installation:

1. **Prepare the Mounting Hole:** Drill a circular hole approximately 3 cm (1.18 inches) in diameter at your desired installation location. Ensure there is sufficient space behind the panel for the charger body and wiring.
2. **Secure the Locking Ring:** Insert the charger body into the drilled hole. From the back of the panel, screw on the locking ring to secure the charger in place.
3. **Connect Wiring:** Connect the red wire (positive) to the positive terminal of your vehicle's 12V/24V power source. Connect the black wire (negative) to the negative terminal or a suitable vehicle ground point. It is recommended to connect the included 10A fuse in line with the positive wire for protection.
4. **Final Insertion:** Insert the charger socket fully into the mounting hole and ensure it is screwed in securely.

Easy to Install



Image 5.1: Detailed diagram illustrating the charger's dimensions, wiring connections, and the placement of the 10A fuse.



6. OPERATING INSTRUCTIONS

The GemCoo Quick Charge 3.0 Dual USB Car Charger Socket is designed for simple operation:

- **Power On/Off:** The charger features a touch-sensitive power button located on its face. Tap this button to turn the charger on or off. When on, the blue LED indicator will illuminate.
- **Charging Devices:** Once the charger is powered on (indicated by the blue LED), insert your USB charging cables into the QC3.0 ports. The charger will automatically detect and deliver optimal charging to your compatible devices.
- **LED Indicator:** The blue LED light serves two purposes: it confirms that the charger is receiving power and is active, and it makes the ports easy to locate in low-light conditions.

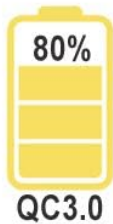


Image 6.1: Illustration of the charger's LED indicator when power is connected versus disconnected, and the touch switch.



GemCoo Dual QC3.0 Car Charger Socket

4x Faster than conventional chargers



QC3.0



35 min



2.1A



Image 6.2: Visual comparison demonstrating the faster charging capability of QC3.0 technology compared to a standard 2.1A charger.

7. MAINTENANCE

To ensure the longevity and optimal performance of your charger:

- **Cleaning:** Periodically wipe the surface of the charger with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Protective Cap:** Always keep the waterproof and dustproof cap closed when the USB ports are not in use. This prevents moisture, dust, and debris from entering the ports.
- **Connection Check:** Regularly inspect the wiring connections to ensure they are secure and free from corrosion.

Waterproof and Dustproof

GemCoo Car Charger Socket is designed with rubber cover, it can protect the inter circuit from splash water, dust, breadcrumbs



Waterproof



Dustproof

Image 7.1: The charger's design for water and dust resistance, emphasizing the importance of keeping the protective cap closed.

8. TROUBLESHOOTING

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

Problem	Possible Solution
Charger not powering on (LED off)	<ul style="list-style-type: none">◦ Ensure the touch switch is tapped to turn it on.◦ Check the wiring connections for proper polarity (+ to +, - to -).◦ Inspect the 10A fuse; replace if blown.◦ Verify the vehicle's power source is active and providing 12V-24V DC.
Device not charging	<ul style="list-style-type: none">◦ Ensure the charger is powered on (blue LED illuminated).◦ Try a different USB cable.◦ Test with a different device to rule out device-specific issues.◦ Confirm your device is compatible with USB charging.

Slow charging speed

- Ensure your device and USB cable support Quick Charge 3.0 for optimal speed.
- Avoid charging multiple high-power devices simultaneously if experiencing significant slowdowns.

9. SUPPORT

For any questions, concerns, or assistance with your GemCoo Quick Charge 3.0 Dual USB Car Charger Socket, please contact GemCoo customer support. We are committed to providing satisfactory service.

You can find contact information on the official GemCoo website or through your purchase platform.