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› **ALLWEI 300W Car Power Inverter with 65W USB-C and 3.0 USB Port - DC 12V to 110V AC Power inverters for Vehicles Converter Fast Charging Ports Car Charger Adapter (Red) 300W Red PD65W**

ALLWEI SGR-NX3011SK-6

ALLWEI 300W Car Power Inverter User Manual

Your reliable power solution on the go.



1. PRODUCT OVERVIEW

The ALLWEI 300W Car Power Inverter is designed to convert your vehicle's 12V DC power into 110V AC household power, along with providing fast-charging USB ports. It's an essential device for charging various

electronics during road trips, camping, or power outages.



ALLWEI

USB-C

PD65W

If your device requires 20W, it will adjust to deliver the optimal 20W for high-speed charging

USB-QC

18W

Other

USB 2.1A

10.5W

USB 1A

5W

This inverter features two standard AC outlets, one USB-C PD65W port, and one USB-A Fast Charger 18W port. It delivers 300 watts of continuous power and up to 600 watts of peak power, making it suitable for a wide range of devices.

Charges a variety of devices



road trip



camping



power outage at home



Ovens



Headphones



Fans



Drones



Phone



Juice Extractor



Projectors



Humidifiers



Stereo



Games Console



Table Lamps



Laptop



Tablet



Razors



Camera

The compact and lightweight design ensures easy portability and convenient storage in your vehicle.

2. SETUP GUIDE

2.1 What's in the Box

- ALLWEI 300W Car Power Inverter
- Integrated Cigarette Lighter Plug Cable (33 inches)
- User Manual

2.2 Connecting the Inverter

1. Ensure your vehicle is running to provide stable power and prevent draining the car battery.
2. Plug the inverter's cigarette lighter plug firmly into your vehicle's 12V DC power socket.
3. Verify the power indicator light on the inverter illuminates, indicating it is receiving power.



2 AC outlet: for your AC power need

USB-C PD65W: Match the optimal wattage for high-speed charging

QC18W: Match Fast charging

The inverter is designed for DC 12V vehicles only. Do not use with DC 24V systems or in aircraft.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

- To turn on the AC outlets, locate the power switch on the inverter and switch it to the 'ON' position. The indicator light will turn green.
- To turn off the AC outlets, switch the power button to the 'OFF' position.
- The USB ports are typically active when the inverter is plugged in, regardless of the AC power switch position.

3.2 Using AC Outlets

- Plug your 110V AC devices directly into the inverter's AC outlets.
- Ensure the total wattage of all connected AC devices does not exceed 300W for continuous use or 600W for peak power.

3.3 Using USB Ports

- Connect your USB-C compatible devices to the PD65W port for fast charging. This port automatically adjusts to deliver optimal wattage (up to 65W max).
- Use the USB-A 18W port for other USB-powered devices.
- When using USB-C and USB-A ports simultaneously, power is efficiently distributed to provide optimal charging speeds for both.



USB-C PD65W



QC3.0 18W

Auto adjust to deliver the
optimal suitable for
high-speed charging

For optimal performance, ensure your device's power requirements are within the inverter's capabilities.

Watch this video for a demonstration of the ALLWEI 300W Car Power Inverter in use, showcasing its charging capabilities for various devices.

4. SAFETY PRECAUTIONS

The ALLWEI 300W Car Power Inverter is equipped with multiple safety features to protect both the device and your electronics.

Multiple Protection



- **Overheating Protection:** Built-in silent automatic temperature-controlled cooling fan helps reduce heat.
- **Over-charge Protection:** Prevents damage from excessive charging.
- **Low-load Protection:** Safeguards against damage when minimal load is detected.
- **Over-load Protection:** Protects against excessive power draw.
- **Low-voltage Protection:** Shuts off to prevent draining your car battery.
- **Over-voltage Protection:** Guards against high voltage input.

- **Short-circuit Protection:** Integrated fuse protects against short circuits.

Important: Do not leave the power inverter in the ON position while your car is off, as this may drain your car battery.

5. MAINTENANCE

- Keep the inverter clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Ensure the cooling fan vents are not obstructed to maintain proper airflow.
- Store the inverter in a cool, dry place when not in use.
- Regularly check the cigarette lighter plug and cables for any signs of wear or damage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Inverter not turning on	Loose connection, vehicle not running, blown fuse in car/inverter	Check connection, start vehicle, inspect and replace fuses if necessary.
Device not charging	Device power exceeds inverter capacity, faulty cable, inverter in protection mode	Reduce load, try different cable, unplug and replug inverter to reset.
Inverter beeping/shutting off	Overload, low/high voltage, overheating	Reduce connected load, check car battery voltage, ensure proper ventilation.

7. SPECIFICATIONS

Feature	Detail
Model Name	300W Power Inverter
Item Model Number	SGR-NX3011SK-6
Input Voltage	DC 12V
AC Output	110V AC (300W Continuous / 600W Peak)
USB-C Output	PD65W Max
USB-A Output	QC 18W Max

Feature	Detail
Dual Ports Simultaneous Output	5V 3A Max (Total)
Product Dimensions	4.7 x 3.1 x 1.8 inches
Item Weight	8.8 ounces
Manufacturer	ALLWEI

8. WARRANTY AND SUPPORT

ALLWEI products are manufactured to high-quality standards. For warranty information and customer support, please refer to the documentation included with your purchase or visit the official ALLWEI website. Keep your purchase receipt for warranty claims.

For further assistance, please contact ALLWEI customer service through their official channels.

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