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PKPOWER VN-20210121-PK01

PKPOWER AC Adapter User Manual for Stanley Jump Starters

Models: J7CS, J5C09, J312, J45TK, Fatmax 700, Fatmax 350 AMP

Introduction

This manual provides essential instructions for the safe and effective use of your PKPOWER AC Adapter. This adapter is designed to provide power and charge compatible Stanley Jump Starters, including models J7CS, J5C09, J312, J45TK, Stanley Fatmax 700 Peak, and Stanley Fatmax 350 AMP units. Please read this manual thoroughly before use and retain it for future reference.

Safety Information

Your PKPOWER AC adapter is designed with multiple safety features to ensure a secure charging experience. These include Over Voltage Protection (OVP), Over Current Protection (OCP), Short Circuit Protection (SCP), and Over Temperature Protection. To maintain safety and prevent damage, please observe the following:

- Use the adapter only with compatible devices as specified in this manual.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to severe impact.
- Do not attempt to disassemble or modify the adapter.
- Ensure the power outlet is easily accessible and properly grounded.
- Disconnect the adapter from the power source when not in use or during electrical storms.
- Keep out of reach of children.



Image: PKPOWER AC Adapter highlighting built-in safety protections such as over charge, over voltage, short-circuit, over current, and over temperature protection.

Product Overview

The PKPOWER AC Adapter is a reliable power supply designed for specific Stanley Jump Starter models. It features a durable construction and a flexible 6.6-foot cable for convenient use.



Image: The PKPOWER AC Adapter with its integrated power cord and barrel connector.

Key Features:

- **Input Voltage Range:** AC 100V - 240V 50-60Hz, suitable for global use.
- **AC Connector:** 5.5mm x 2.5mm barrel connector.
- **Cable Length:** Approximately 6.6 feet (2 meters) for extended reach.

- **Safety Certifications:** FCC certified.
- **Protection:** OVP, OCP, SCP, Over Temperature Protection.

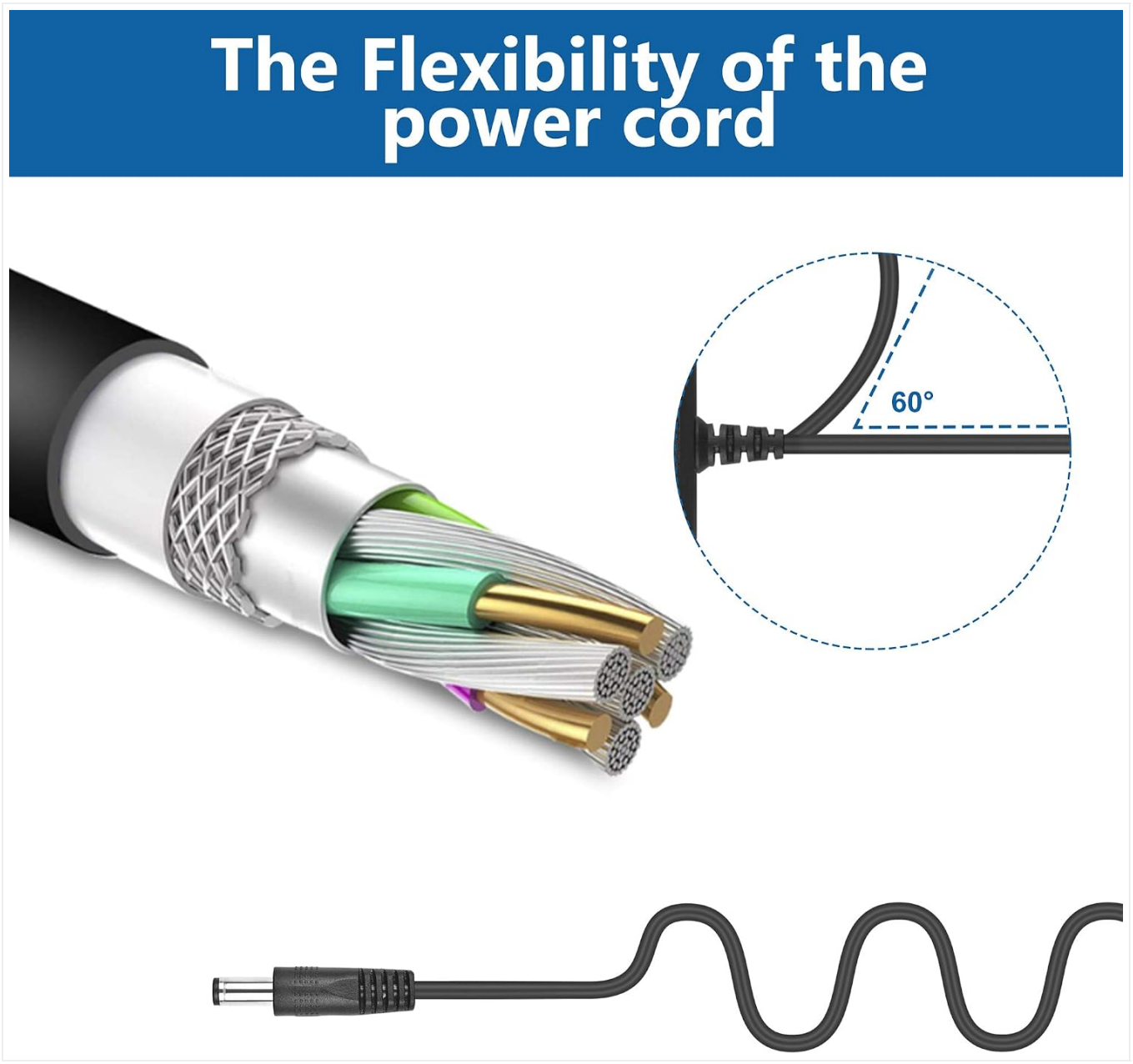


Image: A detailed view of the 5.5mm x 2.5mm barrel connector of the PKPOWER AC Adapter.

PRODUCT DETAIL



Image: Diagram illustrating the flexibility and durable construction of the power cord.

SPECIFICATIONS

Feature	Detail
Input Voltage Range	AC 100V - 240V, 50-60Hz
AC Connector Size	5.5mm x 2.5mm
Product Dimensions	Approximately 4 x 2 x 0.5 inches (adapter block)
Item Weight	3.2 ounces
Cable Length	6.6 feet (approx. 2 meters)

Feature	Detail
Compatible Devices	Stanley J7CS, J5C09, J312, J45TK, Peak Stanley Fatmax 700, Peak Stanley Fatmax 350 AMP Jump Starters
Special Features	Short Circuit Protection, Charging Indicator, Over Voltage Protection, Over Current Protection, Over Temperature Protection
Model Number	VN-20210121-PK01



Image: The PKPOWER AC Adapter showing its physical dimensions.

Setup

1. **Verify Compatibility:** Ensure your Stanley Jump Starter model is listed as compatible with this PKPOWER AC Adapter (J7CS, J5C09, J312, J45TK, Fatmax 700, Fatmax 350 AMP).
2. **Inspect Adapter:** Before first use, visually inspect the AC adapter and its cable for any signs of damage. Do not

use if damaged.

3. **Connect to Jump Starter:** Locate the charging port on your Stanley Jump Starter. Insert the barrel connector (5.5mm x 2.5mm) of the PKPOWER AC Adapter firmly into the charging port.
4. **Connect to Power Outlet:** Plug the AC adapter into a standard AC 100V-240V wall outlet.



Image: The PKPOWER AC Adapter connected to a wall outlet and a Stanley Jump Starter, demonstrating a typical setup.

Operating Instructions

Once the adapter is properly connected to both the jump starter and a power outlet, the jump starter should begin charging. Refer to your Stanley Jump Starter's own manual for specific charging indicators (e.g., LED lights, battery level display) and expected charging times.

- Allow the jump starter to charge fully for optimal performance.
- Do not leave the jump starter connected to the charger indefinitely after it has reached a full charge, unless your jump starter model specifically supports continuous maintenance charging.
- Always disconnect the adapter from the wall outlet first, then from the jump starter, when charging is complete.



Image: A Stanley Jump Starter being charged in a garage environment, connected to a wall outlet via the AC adapter.

Maintenance

Proper care will extend the life of your PKPOWER AC Adapter:

- **Cleaning:** Wipe the adapter with a dry, soft cloth. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly winding the cable to prevent damage.
- **Inspection:** Periodically check the cable and connector for any signs of wear, cuts, or bends. Replace the adapter if any damage is observed.

Troubleshooting

If you encounter issues with your PKPOWER AC Adapter, refer to the following common solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Jump starter not charging	◦ Loose connection ◦ Incompatible jump starter model ◦ Faulty power outlet ◦ Damaged adapter or cable ◦ Jump starter battery issue	◦ Ensure the barrel connector is fully inserted into the jump starter's charging port and the AC plug is firmly in the wall outlet. ◦ Double-check that your jump starter model is listed as compatible (J7CS, J5C09, J312, J45TK, Fatmax 700, Fatmax 350 AMP). Note that the connector size is 5.5mm x 2.5mm. ◦ Test the power outlet with another device. ◦ Inspect the adapter and cable for visible damage. If damaged, discontinue use and replace. ◦ Consult your jump starter's manual or manufacturer for battery troubleshooting.
Adapter feels hot during charging	◦ Normal operation ◦ Poor ventilation	◦ It is normal for adapters to generate some heat during operation. ◦ Ensure the adapter is in a well-ventilated area and not covered. If it becomes excessively hot or emits smoke/odor, disconnect immediately and discontinue use.



Image: The PKPOWER AC Adapter displayed alongside images of compatible Stanley Jump Starter models (J7CS, J5C09, J309, J45TK) to aid in compatibility verification.

Package Contents

The PKPOWER AC Adapter package includes:

- 1 x PKPOWER AC Adapter

Support

For further assistance or inquiries regarding your PKPOWER AC Adapter, please contact PKPOWER customer support through the retailer's platform or the official PKPOWER website. Please have your model number (VN-20210121-PK01) available when contacting support.

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