

Jesverty SPS-1330

Jesverty SPS-1330 Compact Universal Bench Power Supply

USER MANUAL

1. Introduction

The Jesverty SPS-1330 is a compact and efficient universal bench power supply designed to convert AC power to a stable DC output. It is suitable for a wide range of applications, including powering mobile phones, civil radios, scanners, and amateur radios. Its robust construction and integrated safety features ensure reliable performance for home lab and benchtop use.



Image 1.1: The Jesverty SPS-1330 Desktop Bench Power Supply.

2. Safety Instructions

Please read and understand all safety instructions before operating the device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Indoor Use Only:** This power supply is designed for indoor use in dry environments. Do not expose it to rain or moisture.
- **Proper Ventilation:** Ensure adequate ventilation around the unit. Do not block ventilation openings.
- **Power Source:** Connect the power supply only to a grounded AC outlet with the correct voltage (230V AC).
- **Avoid Overload:** Do not exceed the maximum output current of 30A. Overloading can damage the unit and connected devices.
- **Secure Connections:** Ensure all connections to the output terminals are secure and properly insulated to prevent short circuits.

- **Servicing:** Do not attempt to open or service the unit yourself. Refer all servicing to qualified personnel.
- **Integrated Protections:** The unit features built-in over-voltage, over-current, and short-circuit protection for enhanced safety.

3. Package Contents

Verify that all items are present in the package:

- 1x Jesverty SPS-1330 Power Supply
- 1x AC Power Cord
- 1x Output Charging Cable
- 1x User Manual

4. Product Overview

Familiarize yourself with the components of your Jesverty SPS-1330 power supply.

Front Panel



Image 4.1: Front panel of the SPS-1330.

- **Power Switch (ON/OFF):** Toggles the main power to the unit.
- **DC Output ON Indicator:** Illuminates when DC output is active.
- **Negative Output Terminal (-):** Black screw terminal for negative DC connection.
- **Positive Output Terminal (+):** Red screw terminal for positive DC connection.

Rear Panel

Stable and Clean Voltage Output Universal Screw-Type Connectors

13.8Volt 30Amp



Image 4.2: Rear panel with cooling fan, fuse, and AC power input.

- **Built-in Cooling Fan:** Automatically activates to prevent overheating.
- **Fuse Holder:** Contains the protective fuse.
- **AC Power Input:** Connector for the AC power cord.

Dimensions

Dimensions And Weight

Weight: approx 1.42kg



Ham Radio



CB Radio



Scanner



HAM Radio



Image 4.3: Dimensions of the SPS-1330 unit.

5. Setup

Follow these steps to set up your power supply:

1. **Placement:** Place the power supply on a stable, flat surface with adequate clearance for ventilation. Ensure it is away from heat sources and direct sunlight.
2. **Connect AC Power:** Insert the provided AC power cord into the AC Power Input on the rear panel of the power supply. Plug the other end into a grounded 230V AC wall outlet.
3. **Connect Device:** Using the output charging cable or appropriate wires, connect your device to the output terminals. Connect the positive (+) terminal of your device to the red (+) terminal on the power supply, and the negative (-) terminal of your device to the black (-) terminal on the power supply. Ensure connections are tight and secure.

6. Operating Instructions

Operating the Jesverty SPS-1330 is straightforward:

1. **Power On:** After connecting your device, flip the Power Switch to the 'ON' position. The DC Output ON indicator light will illuminate, indicating that the power supply is active and providing 13.8V DC output.
2. **Monitor Device:** Observe your connected device to ensure it is receiving power correctly.
3. **Power Off:** When finished, flip the Power Switch to the 'OFF' position. Disconnect your device from the output terminals.



Image 6.1: The SPS-1330 providing power to a radio.

7. Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your power supply.

- **Cleaning:** Keep the unit clean and free from dust. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Ventilation:** Periodically check that the ventilation openings and the cooling fan are not obstructed by dust or debris.

- **Cooling Fan:** The built-in cooling fan operates automatically. If you notice unusual noises or reduced airflow, consult qualified service personnel.



Image 7.1: Internal view showing the cooling fan.

- **Fuse Replacement:** If the unit fails to power on, the fuse may need replacement. Disconnect the power cord before checking or replacing the fuse. The fuse holder is located on the rear panel. Use only a fuse of the specified type and rating (e.g., 8A).

8. Troubleshooting

If you encounter issues with your power supply, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
No power, indicator off	Power cord not connected; Wall outlet no power; Blown fuse	Check AC power cord connection; Test wall outlet; Replace fuse (refer to Maintenance section)
DC output indicator off, but power switch is ON	Internal fault; Overload protection activated	Disconnect all loads and restart; If problem persists, contact support
Unit overheats	Blocked ventilation; Excessive load	Ensure clear airflow around the unit; Reduce connected load
No power to connected device	Incorrect wiring; Loose connections; Device fault	Verify positive/negative connections; Tighten screw terminals; Test device with another power source

9. Specifications

Detailed technical specifications for the Jesverty SPS-1330 power supply:

Feature	Detail
Model Number	SPS-1330
Brand	Jesverty
Product Dimensions (L x W x H)	8.5 x 15 x 22 cm (3.35 x 5.9 x 8.66 inches)
Item Weight	1.42 Kilograms (approx. 3.13 lbs)
Material	Metal

Feature	Detail
Color	Black
Input Voltage	230 Volts (AC)
Output Voltage	13.8 Volts (DC)
Output Current	30 A (Maximum)
Maximum Power	414 Watts
Connector Type	Screw Terminals
Form Factor	Boxlike
Country of Origin	China
Energy Specifications Met	CE, FCC
UPC	680306173648
GTIN	680306173648

10. Warranty and Support

Information regarding product warranty and customer support is not available in the provided product data. Please refer to the product packaging or the manufacturer's official website for details on warranty coverage and how to contact customer support for assistance.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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