

REWMTRIRETEN KWS-DC28

REWMTRIRETEN KWS-DC28 Voltage Ammeter Power Meter User Manual

Model: KWS-DC28

Brand: REWMTRIRETEN

1. INTRODUCTION

The REWMTRIRETEN KWS-DC28 is a compact digital display voltage, ammeter, and power meter designed for measuring DC electrical parameters. It features a 0.96-inch HD digital display and a 5.5 * 2.5 interface, capable of measuring voltages from 4V to 30V and currents from 0A to 12A. This device provides precise and stable performance for various electronic testing applications.

2. SAFETY INFORMATION

- Ensure the input voltage and current are within the specified operating range (4-30V DC, 0-12A).
- Do not disassemble the device. Refer all servicing to qualified personnel.
- Avoid exposure to moisture, extreme temperatures, or corrosive environments.
- Handle with care to prevent physical damage.

3. PRODUCT OVERVIEW

The KWS-DC28 meter provides real-time readings of voltage, current, power, and other related parameters on its digital display.



Figure 1: Front view of the KWS-DC28 Voltage Ammeter Power Meter, showing the 0.96-inch HD digital display with voltage, current, power, and time readings, and the 5.5 * 2.5 DC input/output interface.

3.1. Key Features

- **0.96-inch HD Digital Display:** Provides clear and precise readings.
- **Wide Measurement Range:** Supports DC 4V to 30V and 0A to 12A.
- **Multi-functional:** Displays voltage, current, power, and accumulated energy (Wh/mAh).
- **Standard Interface:** Equipped with a 5.5 * 2.5 DC interface for broad compatibility.

4. SETUP

1. **Identify Ports:** Locate the input and output DC 5.5 * 2.5 ports on the KWS-DC28 meter. The input port typically receives power from the source, and the output port connects to the load.
2. **Connect Power Source:** Connect the DC power source (e.g., power adapter, battery) to the input port of the KWS-DC28. Ensure the voltage is within the 4V-30V range.
3. **Connect Load:** Connect the device or circuit you wish to measure (the load) to the output port of the KWS-DC28.
4. **Power On:** Once connections are secure, apply power to the source. The KWS-DC28 display should illuminate and begin showing readings.

5. OPERATING INSTRUCTIONS

5.1. Display Readings

The 0.96-inch HD digital display shows the following parameters:

- **Voltage (V):** Real-time DC voltage.
- **Current (A):** Real-time DC current.
- **Power (W):** Real-time power consumption.
- **Energy (Wh/mAh):** Accumulated energy consumption.
- **Time:** Elapsed measurement time.
- **Temperature (CPU°C):** Internal temperature of the device.

5.2. Button Functions

The KWS-DC28 may feature a button for cycling through display modes or resetting accumulated data. Refer to the on-screen prompts or specific model variations for exact button functionality. Typically, a short press cycles modes, and a long press resets data.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use abrasive cleaners or solvents.
- **Storage:** Store the meter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the cables and connectors for any signs of wear or damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank	No power, incorrect connection	Check power source, ensure correct input/output connections.
Incorrect readings	Device malfunction, out of range	Verify the load is within the meter's specified range. If problem persists, contact support.
Device not responding	Power issue, internal fault	Disconnect and reconnect power. If still unresponsive, contact support.

8. SPECIFICATIONS

- **Model:** KWS-DC28
- **Input/Output Interface:** DC 5.5 * 2.5
- **Voltage Measurement Range:** DC 4V - 30V
- **Current Measurement Range:** 0A - 12A
- **Display:** 0.96-inch HD Digital Display
- **Manufacturer:** REWMTRIRETEN
- **ASIN:** B0F3TC7QVB
- **Date First Available:** April 5, 2025

9. WARRANTY AND SUPPORT

This product is manufactured by REWMTRIRETEN. For warranty information or technical support, please refer to the seller's return policy or contact the seller directly through the platform of purchase.

The seller offers a 30-day return policy for this product.