

VC903 Multimeter for Testing Photovoltaic DC Range



Overview

VC903 Autoranging Digital Clamp Voltage,Current, Auto power off Main measurements: AC/DC Voltage, AC/DC Current, Resistance, Capacitance, Diode and Continu.

Key Takeaways

The ZOYI VC903 multimeter can safely and accurately measure photovoltaic DC voltages up to 1000V and DC currents up to 1200A, making it suitable for solar PV system testing. Key Features for Photovoltaic Testing

DC Voltage Measurement: The VC903 supports DC voltage up to 1000V, which covers most residential and commercial solar PV systems.

D

C Current Measurement: It can measure DC currents up to 1200A, allowing testing of high-current PV strings or inverters.

True RM

S Accuracy: Ensures reliable readings even with non-linear loads or fluctuating PV outputs, which is important for accurate diagnostics in solar systems. **Auto and Manual Ranging:** Provides flexibility to measure unknown voltages or currents without risk of overloading the meter. **Additional Functions:** Includes resistance, capacitance, frequency, diode, continuity, and temperature measurements, which can be useful for troubleshooting PV system components.

Safety Rating: CAT IV 600V rating ensures safe operation at service entrances and distribution panels, which is critical when working with high-voltage PV arrays.
Display and Usability: 6000-count LCD with backlight and data-hold function allows clear readings in bright sunlight or low-light conditions. **Practical Considerations**
Non-Contact Voltage (NCV) Detection: Adds safety when working near live PV circuits.

Battery and Power: Operates on a standard 9V battery with auto power-off to conserve energy. **Portability:** Lightweight and suitable for field use on rooftops or solar farms.

Conclusion

The ZOY

I VC903 is well-suited for photovoltaic DC testing due to its high DC voltage and current ranges, True RMS accuracy, and safety certifications. It provides reliable measurements for solar panels, inverters, and PV strings, making it a practical tool for electricians, solar installers, and maintenance technicians.

Article Content

VC903 Autoranging Digital Clamp Voltage, Current,

Auto power off Main measurements: AC/DC Voltage, AC/DC Current, Resistance, Capacitance, Diode and Continuity Testing, Temperature, Frequency and duty

VC902/VC903 Digital Clamp Meter User Manual

VC902 and VC903 are battery-powered, true-rms, auto-ranging digital clamp meters with a 6000 counts, LCD display and backlight. Unless specially indicated, this manual applies to the both models. All

ZOYI VC903 Professional Multimeter Digital Clamp Meter 6000

We provide customized non-ferrous metal fabricated products, as well as supporting testing equipment including Yokogawa zirconia analyzers, Fuji zirconia analyzers, flue gas analyzers, generator

VC903 Digital Clamp Meter

Main measurements □ AC/DC Voltage, AC/DC Current, Resistance, Capacitance, Diode and Continuity Testing, Temperature, Frequency and duty cycle. * Frequency □ 1Hz to 10MHz *

ZOYI Digital AC DC Clamp Meter Multimeter VC902

This digital AC DC clamp meter multimeter with True RMS measurement supports auto range MAX MIN functions for accurate diagnostics in daily work. As a result,

VC903 Digital Clamp Meter Ammeter 1200A multimeter ...

Product Description VC903 Digital Clamp Meter Ammeter 1200A multimeter
Voltmeter AC DC Voltage Meter Temperature

Digital clamp meter ZOYI VC903 with LCD 4 digits

Features: - Measurement: AC/DC current, AC/DC voltage, resistance, capacitance, frequency, duty cycle, temperature, diode test, continuity test - AC current (range

Portable Digital Multimeter ZOTEK VC903 Digital Clamp

CLAMP METER TRUE RMS AC/DC Auto ranging. True RMS 6000. AC/DC 1200A Current Voltage. Backlight. Low battery alert. Code: VC903.

VC903 CLAMP METER

Description VC-903 hand held digital clamp meter auto range MAX AC and DC current up to 1200A with true RMS and self-calibration function:

ZOYI Multimeter Electrical Clamp VC903 6000 Counts Digital High ...

ZOYI Multimeter Electrical Clamp VC903 6000 Counts Digital High Precision Ac/Dc Voltage Tester Intelligent Multifunctional with Continuity Diode By Skyking ® Brand: ZOYI ₹4,250.00 with 71 percent

How to Test Solar Panels with a Multimeter

Ensure your solar panels are working efficiently! Learn how to test solar panels with a multimeter to check optimal performance.

ZOYI VC903 Auto Range Clamp Meter Digital AC DC

Beli ZOYI VC903 Auto Range Clamp Meter Digital AC DC Terbaru Harga Murah di Shopee. Ada Gratis Ongkir, Promo COD, & Cashback. Cek Review Produk

WINAPEX VC903 1000A 1000V Digital AC/DC Ampere Voltage True

Description VC-903 hand held digital clamp meter auto range MAX AC and DC current up to 1000A with true RMS and self-calibration function: Product Feature Auto/manual ranging True RMS, self

Master the Basics: How to Measure DC Voltage with a Multimeter

Learn how to measure DC voltage using a digital multimeter (DMM) — a must-know skill for electronics beginners. This guide walks you through multimeter setup, selecting voltage ranges,

VC903 High Precision AC-DC Ampere-automatic Range Digital Clamp Multimeter

Key attributes Type multimeter Application Universal Testing Accuracy Class High Accuracy Voltage Other Protection Class IP55 warranty 1 Year customized support OEM, ODM, OBM, Software

ZOTEK VC903 Digital Clamp Meter 6000 Counts High Precision Multimeter ...

Home Multimeter, Test Tools ZOTEK VC903 Digital Clamp Meter 6000 Counts High Precision Multimeter 1200A AC DC Current Voltage Tester

Electrical testing standards guide for the PV Industry

Voltage and polarity overview For technicians who are working on photovoltaic (PV) systems, it is critical to measure and document voltage and confirm polarity. These measurements enable technicians to

QDTimes VC890C+ Digital Multimeter Manual Range New Type

The QDTimes VICTOR VC890C+ Digital Multimeter is a reliable and feature-rich tool designed for accurate measurements across various applications. With its 28mm LCD display and battery

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

