

## Product Datasheet - Technical Specifications



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## Keysight V3500A Handheld RF Power Meter

A compact, portable instrument that makes lab quality RF power measurements in both field and R&D laboratory environments.

The most handy and affordable measurement solution from Keysight Technologies, Inc..



The V3500A handheld power meter carries on the tradition of Keysight's industry-leading power meters and power sensors to a quality yet cost effective point.

- Broad 10 MHz to 6 GHz frequency range.
- Wide dynamic range (-63 dBm to +20 dBm).
- Absolute accuracy up to  $\pm 0.21$  dB.
- Internal power reference enables self-calibration.
- Multi ways (3-ways) power up (AA batteries, computer via USB interface, AC-DC converter module [option PWR]).



1. Type-N male connector nut
2. Built-in display and integrated power sensor
3. "Zeroing" key function allows a more accurate measurement at low power levels
4. Arrow keys for menu selection and settings
5. USB type mini-B port enables remote programming and power connection
6. External power connector (use with optional power supply) Type-N male connector nut

## Essential specifications

- Integrated power sensor eliminates the need to carry a separate sensor
- Built-in display with backlight and auto shut-off
- Relative offset function provides measurement compensation with value ranging from –99.99 dB to +99.99 dB
- Linearity (at 23 °C ±5 °C): ±0.10 dB, +6 dBm to –40 dBm
- SWR: 1.12:1, 10 MHz to 3.75 GHz. 1.20:1, 3.75 GHz to 6 GHz



## The V3500A comes with:

- USB interface cable – Type A to Mini-B, 2.5 meter (8.2 ft)
- Printed Keysight V3500A handheld RF power meter, 10 MHz to 6 GHz User's guide
- Keysight V3500A product reference CD-ROM

## Ordering information

Product	Description
V3500A	Handheld RF power meter

## Accessories, calibration and documentation

### Options and accessories

Options	Description
V3500A-PWR	External power supply
V3500A-SHL	Holster carry case with shoulder strap
V3500A-CA1	USB cable type A to Mini-B, 2.5 meter (8.2 ft)

Manual options	Description
V3500A-ABA	English user's guide
V3500A-ABJ	Japanese user's guide
V3500A-AB2	Simplified chinese user's guide

## KEYSIGHT SERVICES

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