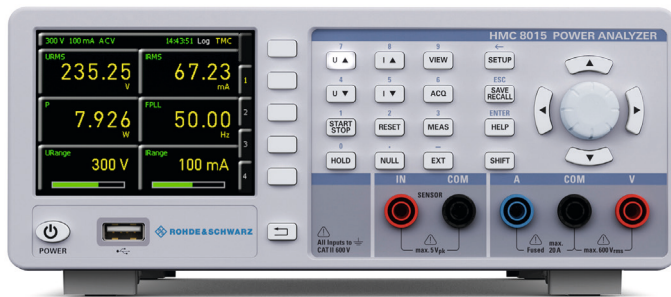


R&S®HMC8015 Power Analyzer



Key facts

- Measurement range: DC to 100 kHz
- Measurement rate: 500 ksample/s
- Simultaneous display of voltage and current, each with 16-bit resolution
- Basic accuracy: 0.05%
- 26 measurement and mathematical functions
- Data logging to USB flash drive in CSV format or remotely via interface
- Oscillographic waveform diagram (option)
- Display of harmonics as a bargraph or table (option)
- Realtime integrator
- Limit tests with pass/fail indication (option)
- In line with ENERGY STAR, EN 50160, EN 50564, EN 61000-3-2, IEC 62301 (option)

New

Simultaneous acquisition of voltage and current, high resolution, and a perfect balance between sampling rate and bandwidth: top-class technical characteristics and a wide range of functions make the R&S®HMC8015 power analyzer a practical choice for development labs and industrial environments, for service and support and for educational settings. State-of-the-art, powerful technology coupled with versatile and practical connection options meet the needs of a broad variety of users while satisfying demanding customer requirements.

Models/options

Designation	Type	Order No.
Power Analyzer	R&S®HMC8015	3593.8646.02
Power Analyzer, incl. IEEE-488 (GPIB) interface	R&S®HMC8015-G	3593.8875.02
Advanced Analysis Option, voucher	HVC151	3622.0795.02
Advanced I/O Option, voucher	HVC152	3622.3788.02
OneBox Tester Option, voucher	HVC153	3622.3794.02
Power Adapter for R&S®HMC8015, EU plug	R&S®HZC815-EU	3593.8850.02
Power Adapter for R&S®HMC8015, GB plug	R&S®HZC815-GB	3622.2246.02
Power Adapter for R&S®HMC8015, USA plug	R&S®HZC815-USA	3622.2252.02
AC/DC Current Probe, 30 A, 4 mm connector	R&S®HZC50	3622.4690.02
AC/DC Current Probe, 1000 A, 4 mm connector	R&S®HZC51	3622.4684.02

Application	How the R&S®HMC8015 meets your needs
General purpose	<ul style="list-style-type: none"> Easy setup and fast startup through autoranging and automated AC/DC switchover Simultaneous display of up to 10 measured or calculated values Simultaneous logging of up to 10 measured values on USB stick in CSV format Remote control via standard interfaces and driver suite
Measurement of power requirements (battery life) on low-power devices (LPDs)	<ul style="list-style-type: none"> High measurement accuracy due to measurement ranges for low voltages and low currents Low-resistance shunt for current measurements and high input impedance for voltage measurements for minimal influence on measurement results Long-term evaluation via integrator, with a six-month capacity
Measurements in the test lab or field	All measurements and related documentation are possible without a PC (also applies to FFT, inrush currents and voltages, trend charts, etc.)

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[+ RTB-B241 \(RTB2K-104\)](#) [RTM-B222](#) [RTM-B223](#) [RTM-B225](#) [RTM-B2210](#) [RTM-B243](#) [RTM-B2410](#) [R&S FPL1003-P4](#) [R&S® FPH-B8](#)
[NGE103B](#) [NGL-K103](#) [FPC-COM1](#) [RTB2K-202](#) [RTB2K-74](#) [RTC1K-COM2](#) [HMC8042](#) [HZ22](#) [RTB2K-104](#) [HM8118.02](#) [HA-Z302](#)
[RTB2002 + RTB-B221 \(RTB2K-102\)](#) [RTB-PK1](#) [RTM-K1](#) [RTM-B242](#) [R&S HMP4030](#) [R&S NRX](#) [R&S RTM-K36](#) [HMC8012](#) [HZ42](#) [RTM-](#)
[K3](#) [RTM-K15](#) [RTM-K18](#) [R&S HM7042-5](#) [RTB2004 \(RTB2K-74\)](#) [RTM3K-COM4](#) [RTM-K2](#) [RTM-K5](#) [RTM-K6](#) [RTM-K7](#)