

R&S®HMC8015

versus

Hioki PW3335

Comprehensive power analysis in a compact package

Accurately testing standby power consumption is a challenge. The R&S®HMC8015 power analyzer is the first compact tester for AC/DC load and standby power characterization that enables measurements according to all common standards without additional tools such as a computer or a remote infrastructure.

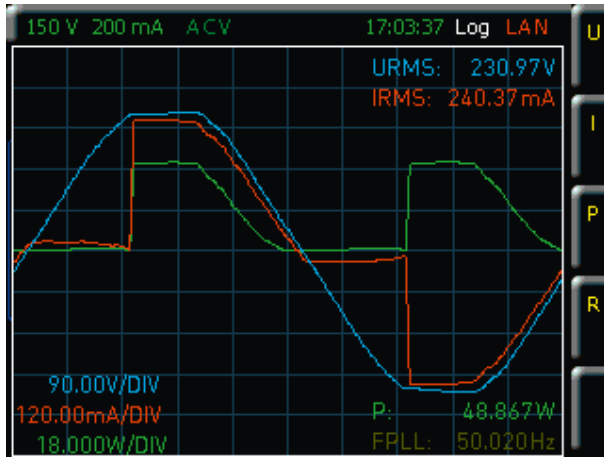
Your benefit	Features
Adapt the user experience to your needs	<ul style="list-style-type: none"> Simultaneous display of up to 10 numerical measurement functions User-configurable measurement display Graphical display modes for inrush, harmonic analysis, waveform and trend chart
Accurately measure to key compliance requirements	<ul style="list-style-type: none"> Basic accuracy: 0.05 % 100 kHz bandwidth at a sampling rate of 500 ksample/s Simultaneous display of current and voltage, each with 16-bit resolution
Integrated tools simplify measurements	<ul style="list-style-type: none"> 26 different measurement and mathematical functions Limit testing with pass/fail indication for up to six selectable limits Save logging and screenshots directly to your USB device

▷ For more information, see www.rohde-schwarz.com/catalog/HMC8015



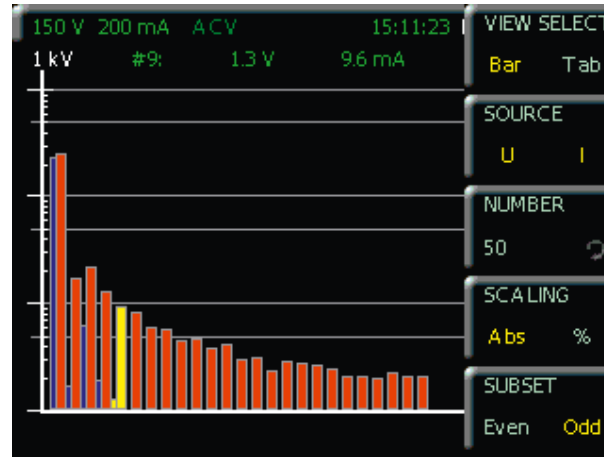
Parameter	R&S®HMC8015	Hioki PW3335
Inputs, voltage	5 V to 600 V (CF3) 2.5 V to 300 V (CF6) 1800 V (peak)	6V to 1000V (CF6)
Inputs, current	5 mA to 20 A (CF3) 2.5 mA to 10 A (CF6) 60A (peak)	1 mA to 20 A (CF6)
Crest factor	switchable (3/6)	Fixed (6)
Power accuracy	0.05 % of reading + 0.05 % of range	0.1% of reading + 0.1% of range
Bandwidth	100 kHz	100 kHz
Sampling rate	500 ksample/s	700 kSa/s
Voltage input impedance	2 MΩ	2 MΩ
Current input impedance	5 mA to 200 mA: 500 mΩ 0,5 A to 20 A: 10 mΩ	1 mA to 100 mA: ≤520 mΩ 200 mA to 20 A: ≤15 mΩ
Advanced I/O	sensor input, analog I/O, digital I/O	sensor input, analog/digital out
Standard testing (optional)	Energy Star, EN50160, EN50564, EN61000-3-2, IEC62301	only via PC software
Interface	USB, LAN (LXI), IEEE-488/GPIB (optional)	RS-232, LAN, GPIB (optional)

Waveform: view load with phase-angle control



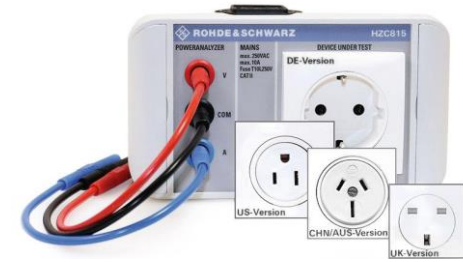
Waveform view quickly shows qualitative insights

Analysis: harmonics breakdown



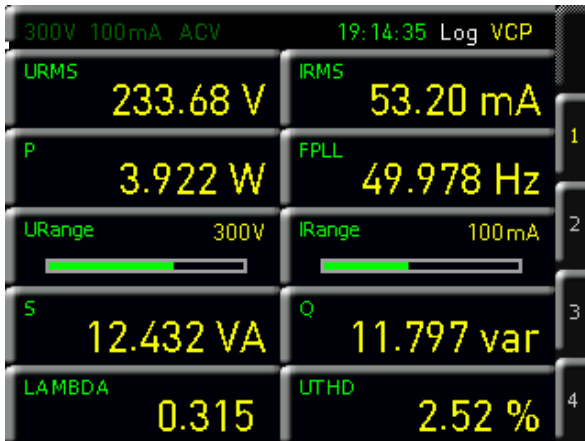
Intuitive graphics representations simplifies understanding of measurements

Safe connection to the R&S®HMC815



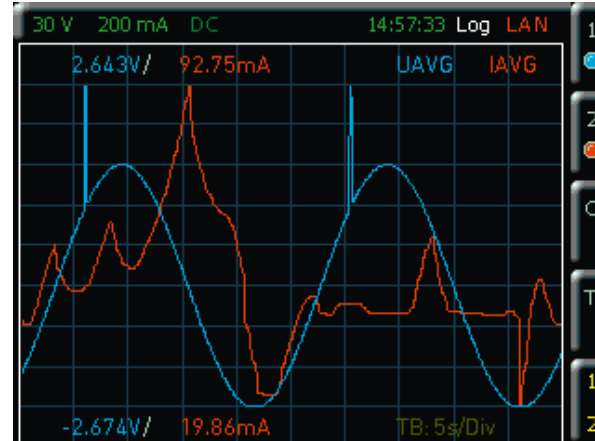
The DUT is simply and safely plugged into the R&S®HMC8015 through the optional R&S®HMC815 mains adapter. Country-specific adapter models are available to enable connection in different countries.

Numerical: precision at your fingertips



Numerical display enables quick quantitative insights

Trend: see what's happening

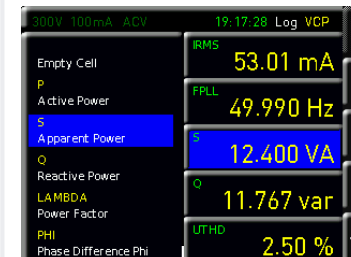


The trend chart summarizes the measurements over time

Modern graphical display



Hioki PW3335: 7-segment LED and only 4 are value configurable



R&S®HMC8015: color TFT with measurement parameters freely configurable