

Code:

Description

Portable power analyzer for measuring and recording all electrical parameters in singlephase, two-phase and three-phase networks. Measures leakage currents, power quality parameters and records transients. AR6 is an integral tool for problem diagnosis and detection in any electrical installation and can also be used to prepare energy studies.

Application

- High-accuracy energy-consumption studies
- Detection of problems relating to electrical protection elements
- Analysis of power quality and transient phenomena
- Local recording of start-up currents and other variables of interest on the unit



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Specifications

DC power supply

Consumption	30 VA
Current	2 A
Nominal voltage	12 Vdc
Maximum power	24 W

Environmental characteristics

Relative humidity (without condensation)	5...95 %
Storage temperature	-10...+60 °C
Working temperature	-15...+50 °C

Mechanical characteristics

Envelope	Double insulation class II
Weight (kg)	4

Specific technical characteristics of current sensors

Output voltage	2 V
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Current measurement circuit

Phase current measuring range	1...120 % of In
Allowable overload	3 In

Voltage measurement circuit

Consumption	≤ 0,04 VA
Input impedance	10 MΩ
Nominal voltage	10...800 VRMS (Ph-N)
Maximum permanent measurement voltage	1000 VRMS

Standards

Electrical safety, Maximum height (m)	2000
Electrical safety, Installation category	1000V CAT III / 600V CAT IV for elevations below 2000 m ; 1000V CAT II / 600V CAT III / 300V CAT IV for above 2000 m

User interface

Display format	RGB 262k
Display type	VGA
Visible display area size	5,7"

Measurement accuracy

Phase current measurement	0.5 %
Reactive power measurement (kvar)	1 %



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Apparent power measurement (kVA)	1 %
Active energy measurement (kWh)	1 %
Active power measurement (kW)	1 %
Phase voltage measurement	0.5 %

Includes voltage cables, alligator clips, battery, power supply and PowerVisionPlus software