

PowerAnalyzer

Power and energy meter

Easy and accurate analysis
of electrical energy and performance data
with a sampling rate up to 2 kHz



Dorninger Hytronics		energy mea
		energy over the whole m
		L1
active energy	33768	24
apparent energy	65684	60
reactive energy	56285	52
		measurement time
		energy between the curs
		active energy
		apparent energy
		reactive energy
		measurement time
		logger ready

PowerAnalyzer

Power and energy meter



Artikel Nr. 67600

The **PowerAnalyzer** measures current and voltage data. Power supply, measuring cables and voltage tap clamps are in the package



Artikel Nr. 69724

Set of 4 current transducers up to 100 A with a measuring accuracy of ± 1.0 percent



Artikel Nr. 79468

Set of 4 current transducers up to 1000 A with a measuring accuracy of ± 0.3 percent

Maximum measuring accuracy & exact data analysis

The PowerAnalyzer measures all electrical energy and performance data precisely - with a sampling rate up to 2 kHz - in control cabinets and electrical power components in 1-phase, 2-phase and 3-phase systems. Compared to standard energy meters consumers with rapidly fluctuating performance, such as hydraulic pump drives and servo inverter drives can be analysed without falsification due to the high sampling rate.

RMS values of currents and voltages are measured with the corresponding phase angles, as well as the active, reactive and apparent powers of the 3 phases individually and in total. In addition, the electrical energy consumption can be captured detailed in all aspects. The PowerAnalyzer delivers high-precision frequency measurement data and is an instrument for a comprehensive recording of consumption over an adjustable period of time.

Outstanding measurement tool with new standard for the sampling rate

- Measuring ranges: Voltage up to 655 VAC, current up to 100 or 1000A (max. 1A secondary), frequency 45... 65 Hz, sampling rate (voltage & current) up to 2 kHz
- Data can be acquired via USB interface, export to a csv file for easy processing in spreadsheet programs
- Immediate analysis of performance data using charts on the integrated touch panel
- Basic mode for immediate measurement start and output of standard metrics, in expert mode up to 12 data measurements can be selected and additional settings (measuring time, current probe measurement ratio,...) are possible
- For easy transport and protection, the unit is screwed into an extremely rugged explorer case

engineered for your profit

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