

AC Voltage inputs

Number of inputs	3
Input voltage range	3.0 ... 550.0 Vrms L - N (952.0 Vrms L - L)
Basic accuracy	± (1 % of reading + 0.5 V)
Resolution	0.1 V
Sampling rate	1024 samples per 10 periods

AC Current inputs

Number of inputs	3
Input voltage range	0.04 ... 1 Vrms
Current measuring range	4 ... 100 A and 40 ... 1000 A (with current clamp A 1033)
Resolution	0.1 A
Basic accuracy	± (2 % of reading + 0.3 A)
Sampling rate	1024 samples per 10 periods

Function	Measuring range	Resolution	Accuracy
Frequency	45.00 ... 66.00 Hz	10 mHz	± (0.5 % of reading + 0.02 Hz)
Power (W, VA, VAR)	0.000 ... 0.999 k	1	± (3 % of reading + 3 digits)
	0.00 ... 9.99 k	10	
	0.0 ... 999.9 k	100	
	0.000 ... 9.999 M	1 k	
	0.00 ... 99.99 M	10 k	
	0.0 ... 999.9 M	100 k	
	0.000 ... 9.999 G	1 M	
	0.00 ... 40.00 G	10 M	
Power factor, cos φ	0.00 ... 0.39	0.01	± 0.06
	0.40 ... 1.00	0.01	± 0.03
Harmonics analysis up to 50 th component	U _M > 3 % U _N (I _M > 3 % I _N)	0.1 %	5 % U _M (I _M) (3 % for DC)
	U _M < 3 % U _N (I _M < 3 % I _N)	0.1 %	0.15 % U _N (I _N)

Recording

Integration period (IP)	1 ... 3600 s
Maximum number of signals	500
COM port	RS232 and USB
Display	Graphic LCD with backlight, 320 x 200 dots
Memory module	8 MB Flash
Voltage supply	230 V _{AC} or 6 x 1.2 V NiMH rechargeable batteries, type AA
Overvoltage category	CAT IV / 600 V
Protection class	Double insulation
Dimensions	220 x 115 x 90 mm
Weight	0.65 kg