

Apparent Power (AC, DC+AC)

Measuring Range	Resolution	Intrinsic Error under Reference Conditions
5 ... 5999 VA	1 VA	$\pm(2.0\% \text{ rdg.} + 10 \text{ d})$
6.00 ... 59.99 kVA	10 VA	$\pm(2.0\% \text{ rdg.} + 3 \text{ d})$
60.0 ... 599.9 kVA	100 VA	
AC: 600 kVA ² DC+AC: 600 ... 900 kVA ¹	1 kVA	

¹ Overload display for measured power values > 900 kVA
in single-phase systems (1000 V x 900 A)

² Overload display for measured power values > 600 kVA
in single-phase systems (1000 V x 600 A)

Bandwidth AC voltage measurement: 3 kHz
 AC current measurement: 3 kHz

Reactive Power (AC, DC+AC)

Measuring Range	Resolution	Intrinsic Error under Reference Conditions
5 ... 5999 var	1 var	$\pm(2.0\% \text{ rdg.} + 10 \text{ d})$
6.00 ... 59.99 kvar	10 var	$\pm(2.0\% \text{ rdg.} + 3 \text{ d})$
60.0 ... 599.9 kvar	100 var	
AC: 600 kvar ² DC+AC: 600 ... 900 kvar ¹	1 kvar	

¹ Overload display for measured power values > 900 kvar
in single-phase systems (1000 V x 900 A)

² Overload display for measured power values > 600 kvar
in single-phase systems (1000 V x 600 A)

Bandwidth AC voltage measurement: 3 kHz
 AC current measurement: 3 kHz

Power Factor PF

Measuring Range	Resolution	Intrinsic Error under Reference Conditions
0.00 ... 0.49	0.01	$\pm(3\% \text{ rdg.} + 2 \text{ d})$
0.50 ... 1.00		$\pm(2\% \text{ rdg.} + 3 \text{ d})$

Harmonics, THD

Measurement with Voltage via Connector Sockets,

Measurement with Current via Current Clamp

Measuring Range	Resolution	Intrinsic Error under Reference Conditions
THDr: 0.0 ... 100%	0.1%	V: $\pm(5.0\% \text{ rdg.} \pm 2 \text{ d})$ A: $\pm(5.0\% \text{ rdg.} \pm 5 \text{ d})$
THDf: 0.0 ... 1000%	0.1%	V: $\pm(5.0\% \text{ rdg.} \pm 2 \text{ d})$ A: $\pm(5.0\% \text{ rdg.} \pm 5 \text{ d})$

THDr: harmonic component relative to the TRMS value of the fundamental harmonic

THDf: harmonic component relative to the fundamental harmonic