

## DIGITAL POWER CLAMP METER

# KPS-PW300



- Three-phase wattimetric clamp  $\varnothing$ 50 mm jaw
- 6000 counts
- Measurement of AC voltage, AC current, frequency, active, apparent and reactive power, power factor and harmonics
- True RMS measurements (TRMS)
- Retention of readings
- Data logging: 100 groups
- Auto range, auto power off, backlit display and low battery indication
- Communication with PC software via RS232 interface
- CAT.III 600V according to EN 61010

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## DIGITAL POWER CLAMP METER

General	
Power Supply	4×1.5V AA Batteries
Product Size	300mm × 103 mm × 51 mm
Product Weight	640g
Certificate	RoHS
Safety Rating	CAT III 600V

Specs	
Display Counts	6000
Jaw Opening	Φ50mm/2.0"
Auto And Manual Ranging	✓
Auto Power Off	✓
Data Logging	100
True RMS	✓
Data Hold	✓
Display Backlight	✓
Low Battery Display	✓
RS232 Interface	✓

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Specs	Range	Resolution	Accuracy
AC Voltage	80V/180V/400V/600V	0.1V/0.1V/1V/1V	± (1.0% + 5 digits)
AC Current	20A/40A/100A/200A/ 450A/1000A	0.01A/0.01A/0.1A/0.1A/1 A/1A	± (2.0% + 5 digits)
Active Power	30kW/60kW/120kW/1 50kW/ 300kW/600kW	0.01kW/0.01kW/0.1kW/0. 1kW/ 0.1kW/0.1kW	± (3.0% + 5 digits)
Apparent power	3kVA/12kVA/30kVA/1 20kVA/ 150kVA/600kVA	0.001kVA/0.01kVA/0.01kV A/ 0.1kVA/0.1kVA/0.1kVA	± (3.0% + 5 digits)
Reactive power	3kVAr/12kVAr/30kVAr /120kVAr/ 150kVAr/600kVAr	0.001kVAr/0.01kVAr/0.01k VAr/ 0.1kVAr/0.1kVAr/0.1kVAr	± (3.0% + 5 digits)
Power factor	0.3 ~ 1	0.001	± (2.0% + 2 digits)
Frequency	30Hz ~ 1000Hz	0.1Hz	± (0.5% + 1 digits)
Harmonics 45Hz ~ 65Hz (Fundamental)	Harmonic order: 1		± (3.0% + 10 digits)
	Harmonic order: 2 - 6		± (3.5% + 10 digits)
	Harmonic order: 7 - 8		± (4.5% + 10 digits)
	Harmonic order: 9 - 10		± (5.0% + 10 digits)
	Harmonic order: 11 - 15		± (7.0% + 10 digits)
	Harmonic order: 16 - 20		± (10.0% + 10 digits)

### Product Code Information

SKU	KPSPW300CBINT
EAN code	8435394774732
UPC code	810053670231
Pcs/export carton	4