AC/DC clamp meters

PAN SolarPower 1000W

PROFI

PV True RMS AC/DC power clamp meter up to 1000 kW, 1500 V DC, with Bluetooth, THD, harmonic and inrush measurement



- **Android & iOS App**
- 1-stage contactless voltage testing (NCV)
- Peak value memory (peak value)
- Automatic and manual range selection
- Illuminated digital display 9999
- LED torch
- Relative value measurement
- Single-pole phase test
- **Colour display**
- **Min./max. memory**
- **True RMS measurement**
- **Inrush current measurement**
- **Low input impedance (LoZ) for suppressing stray voltages**

Scope of delivery: Test leads, Type K temperature sensor -40°C ~ 250°C, Bluetooth PC interface + software, Case, Operating instructions, Li-ion Battery, Charger

Application Benefits at a Glance:

- Measures voltage and current simultaneously and calculates electrical power directly - without manual calculation or a second meter.
- Tests the DC side of photovoltaic systems as well as the AC side of inverters, wallboxes and loads.
- Active, reactive and apparent power, power factor and harmonics enable a complete energy assessment.
- App connectivity facilitates documentation, commissioning and subsequent fault analysis.

Technical Data	PAN SolarPower 1000W
DC voltage DC (V =)	0,1 mV - 1500 V
AC voltage AC (V ~)	1 mV - 1000 V
DC current DC (A =)	0,1 A - 1000 A
AC current AC (A ~)	0,1 A - 1000 A
DC active power (kW =)	0,01 kW - 1000 kW
AC active power (kW ~)	0,01 kW - 1000 kW
AC reactive power (kVAr ~)	0,01 kVAr - 1000 kVAr
AC apparent power (kVA ~)	0,01 kVA - 1000 kVA
AC power factor (cos φ ~)	0,2 - 1
Active / reactive / apparent energy (kWh/kvarh/kVAh)	0,001 - 100
Voltage harmonics, order:	1 - 25
Current harmonics, order:	1 - 25
Resistance (Ω)	0,1 Ω - 60 MΩ
Audible continuity tester •)))	< 50 Ω
Frequency (Hz)	0,01 Hz - 10 MHz
Duty cycle in % (PWM)	10 - 90 %
Capacitance (F)	0,01 nF - 100 mF
Temperature (°C) (type K probe)	-40 °C - 1000 °C
Clamp opening ⌀	37 mm
Required battery(ies):	7,4 V Li-Ion 1200 mAh
Measurement category (CAT)	CAT III 1500V / CAT IV 600V
Accuracy (%)	0,5 % - 6 %



PAN SolarPower 1000W Video DE:

PAN SolarPower 1000W Video EN: