

**PHOTOVOLTAIC INSTALLATION MEASUREMENTS**

<b>Function</b>	<b>Measuring range</b>	<b>Basic accuracy</b>
Voltage	0 V DC ... 999 V DC 0 V AC ... 999 V AC I-V m.: 0 V DC ... 999 V DC	±(1.5 % of reading + 5 digits) ±(1.5 % of reading + 3 digits) ±(2 % of reading + 2 digits)
Current	Panel m.: 0.0 mA ... 300 A DC Invert. m.: 0.0 mA ... 300 A AC I-V m.: 0.00 A ... 15 A DC	±(1.5 % of reading + 5 digits) ±(1.5 % of reading + 3 digits) ±(2 % of reading + 3 digits)
Power	Panel m.: 0 ... 200 kW I-V m.: 0 ... 15 kW	±(2.5 % of reading + 6 digits) ±(3 % of reading + 5 digits)
U / I curve	1000 V / 15 A / 15 kW	
Irradiation	0 ... 2000 W/m <sup>2</sup>	±(5 % of reading + 5 digits)
Temperature	-10 °C ... + 85 °C	± 5 digits

**ELECTRICAL INSTALLATION MEASUREMENTS**

<b>Function</b>	<b>Measuring range</b>	<b>Basic accuracy</b>
Insulation resistance (EN 61557-2)	U = 50, 100, 250 VDC: R: up to 199.9 MΩ U = 500 VDC, 1 kVDC: R: up to 999 MΩ	±(5 % of reading + 3 digits) ±(5 % of reading + 3 digits)
Continuity, 200 mA (EN 61557-4)	0.00 Ω ... 1999 Ω	±(3 % of reading + 3 digits)
Continuity, 7 mA	0.0 Ω ... 1999 Ω	±(5 % of reading + 3 digits)

**General**

Display	128 x 64 dots matrix display with backlight
Power supply	6 x 1.2 V NiMH batteries, type AA
Overvoltage category	CAT II / 1000 VDC; CAT III / 600 V; CAT IV / 300 V
Protection class	double insulation
COM port	RS232 and USB
Dimensions	230 x 103 x 115 mm
Weight	1.3 kg