

DATASHEET



SOLAR CLAMP METER – VA383

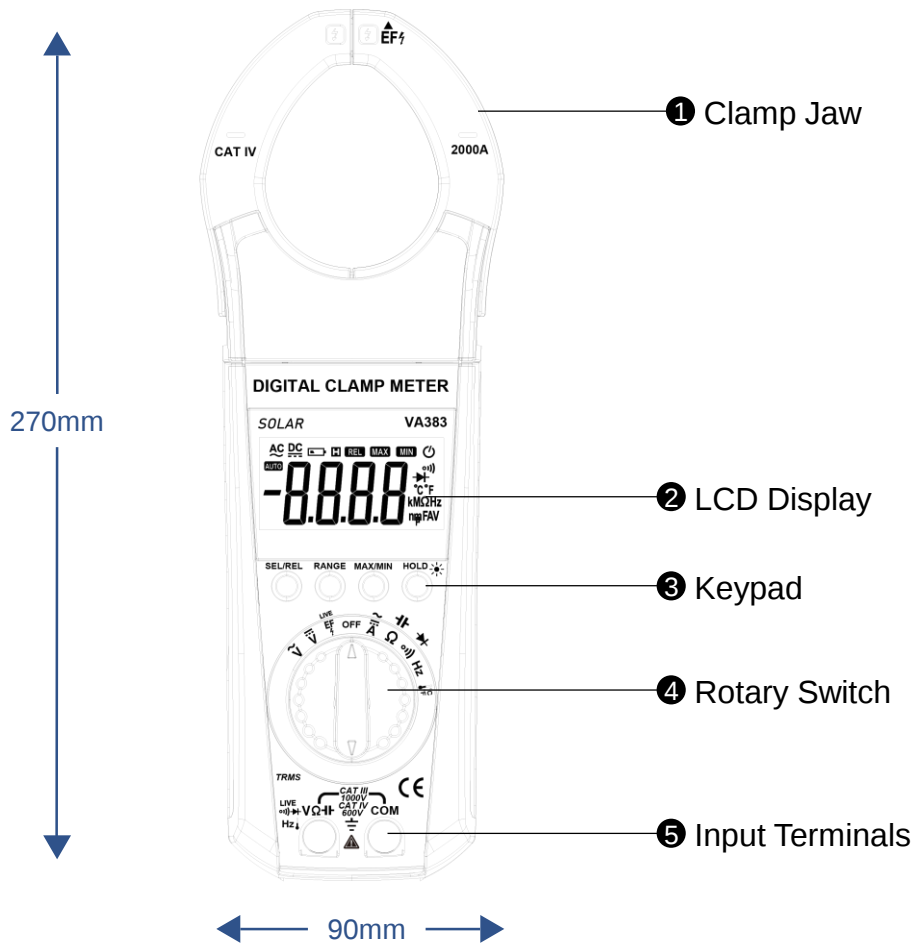
PRODUCT HIGHLIGHTS



- 3999 Counts Digital Clamp Meter
- Voltage Measurement up to 2000V DC
- Voltage Measurement up to 1500V AC
- Current Measurement up to 2000A AC/DC
- Resistance Measurement up to 40MΩ
- True RMS
- Non-contact Voltage Detect (NCV)
- MAX/MIN
- Relative Measurement
- Continuity Buzzer
- Diode Test
- Data Hold
- Low Battery Indication
- Auto Power Off
- Backlight
- Battery 1.5V AAA x3



1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL



- Display/char. height: 7-segment characters/23 mm
- Display counts: 3999
- Overflow display: "OL" is displayed
- Polarity display: " _ " (minus sign) is displayed if plus pole is connected to "⊥"
- Sample rate: 3 times/sec for digital data

3. TECHNICAL SPECIFICATIONS

	VA383
DC Voltage	400mV/4V/40V/400V/1000V/2000V $\pm$ (1.0%+2)
AC Voltage	4V/40V/400V/1000V/1500V $\pm$ (1.5%+5)
DC Current	400A/1000A/2000A $\pm$ (3.0%+6)
AC Current	400A/1000A/2000A $\pm$ (3.0%+8)
Resistance	400 Ω /4k Ω /40k Ω /400k Ω /4M Ω /40M Ω $\pm$ (1.5%+5)
Capacitance	4nF/40nF/400nF/4 μ F/40 μ F/400 μ F/4mF $\pm$ (5.0%+10)
Logic Frequency	4Hz/40Hz/400Hz/4kHz/40kHz/400kHz/4MHz $\pm$ (0.1%+5)
Frequency from Clamp	40Hz~400Hz $\pm$ (0.1%+1)
Temperature	-200°C~1200°C $\pm$ 2.0%
Display Counts	3999
Safety Rating	CAT IV 600V & CAT III 1000V
LCD Size	44 x 23mm
Max. Jaw Opening	Φ 51mm
True RMS	●
NCV	●
Relative Measurement	●
MAX/MIN	●
Continuity Buzzer	●
Diode Test	●
Data Hold	●
Low Battery Indication	●
Auto Power Off	●
Backlight	●
Auto/Manual Range	●
Power	Battery 1.5V (AAA) x3
Size	270 x 90 x 70mm
Weight	~600g (including battery)

4. GENERAL SPECIFICATIONS

Function	Value
Electrical Protection Class	CAT IV 600V & CAT III 1000V
Pollution Degree	2
Operating Altitude	<2000m
Operating Temperature/Humidity	0°C~40°C, 32°F~104°F (<80%RH, non-condensing)
Storage Temperature/Humidity	-10°C~60°C, 14°F~140°F (<80%RH, battery removed)
Typical Temperature Coefficient	0.1x (specified accuracy) / (<18°C or >28°C)
Low Battery Indicator	The " " is displayed when the battery is under the proper operation range
EMC	EN 61326-1
Safety LVD	EN 61010-1, EN 61010-031, EN 61010-032
Power Supply	Battery 1.5V (AAA) x3
Dimension/Weight	270(L) x 90(W) x 70(H) mm / Approx 600g (including battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
VA383	Clamp Meter	1 Piece
	Test Leads	1 Set
	K-Type Thermocouple	1 Piece
	User Manual	1 Piece
	Battery 1.5V (AAA)	3 Pieces
	Carry Bag	1 Piece
	Box	1 Piece

6. APPLICATIONS



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