MT1885
Industrial Multimeter

TRUE RMS

The MT1885 is a CAT IV 600V True RMS multimeter specially designed for the Solar industry due to the measurement of up to 1500V DC. The meter has a large 6000 count backlit LCD with the added advantage of a 61 segment analogue bargraph. NCV function, automatic Non-Contact voltage detection, the LCD backlight will be in red when AC voltage above 110V is sensed. Other measuring ranges include ACV to 1000V, Micro Amps and Amps, Frequency, Resistance, Duty Cycle, capacitance and temperature measurements. The Bluetooth function allows the user to transmit data to the Android or iOS mobile App for viewing, organising and sharing recordings. The meter has a double moulded rubber case with IP67 waterproof and dustproof rating, rugged design for heavy duty use.

Features

- 6000 count with 61 Segment Bargraph
- Measures DCV up to 1500V & ACV up to 1000V
- Temperature measurement from -20ºC to 1000ºC
- AC & DC Micro Amps up to 10A
- Capacitance to 100mF
- Frequency to 10MHz
- Duty Cycle
- Relative mode
- Automatic NCV where LCD backlight turns red
- Min, Max and Data Hold
- Auto Power Off
- IP67 Dust & Waterproof

Function	Range	Accuracy
DC Voltage	600.0mV – 1500V	±(0.5% +5)
AC Voltage	6.000V – 1000V	±(0.8% +4)
DC Current	600.0µA – 10A	±(1.0% +3)
AC Current	600.0µA – 10A	±(1.5% +2)
Resistance	600.0Ω – 60MΩ	±(1.5% +2)
Frequency	9.999Hz – 9.999MHz	±(1.2% +4)
Capacitance	99.99nF – 100mF	±(4.0% +5)
Temperature	$20^{o}C – 1000^{o}C$	$±(3.0\% +5^{o}C)$
Duty Cycle	0.1% to 99.9%	±(1.2% +2)
Size	187 x 81 x 50mm	
Weight	342gm	

IEC 61010-1 CAT IV 600V

IEC 61010-1 CAT III 1000V

Bluetooth Interface

IP67 Waterproof Dustproof

6000 Count LCD display with 61 segmented bargraph

NCV Detection

IP67 Dust & Waterproof Double Moulded Housing

MT1885 | 1500V DC True RMS Industrial Multimeter with Bluetooth 4.0

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