

DT-3349W/3349W-BT

1000A AC/DC Power Quality True RMS Clamp Meter

CEM

3349W/3349W-BT 1000A AC/DC power quality True RMS clamp meter measure power and power factor, total harmonic distortion, individual harmonics, as well as AC/DC voltage, current, capacitance, inrush current analysis, and phase sequence. The low pass filter enables voltage and current measurements on variable frequency drives. It allows quick selection of the numerous measurement features on the large LCD display.

- Double molded plastic housing
- True RMS measurement for ACV & ACA

• True RMS

Drop-proof to 2M



EMC & LVD
 EN: 61326
 EN: 61010-1
 EN: 61010-02-032
 EN: 61010-02-033



Features

- True RMS
- Non-contact voltage detection
- Inrush current measurement for motors
- Low pass filter for variable frequency drives
- Continuity Beeper
- Min, Max and Smart Data Hold, Peak hold
- Auto torch-light when clamping
- Large 10,000 count display with active backlight and analog bar graph
- Auto Power Off
- Maximum jaw opening 1.63" (42mm)
- CAT IV 600 V /CAT III 1000 V safety standard
- Bluetooth interface (3349W-BT)
- Meterbox iMM & cloud service

Specifications

Function	Max Range	Max. Resolution	Basic Accuracy
AC True RMS Current	60.00A	100mA	±(2.5% +8d)
	1000A	1A	±(3% +8d)
DC Current	60.00A	100mA	±(2.5% +0.2A)
	1000A	1A	±(3% +8d)
DC Voltage	600.0mV, 6.000V, 60.00V, 600.0V, 1000V	0.1mV	±(0.8% +20d)
AC True RMS Voltage	6.000V, 60.00V, 600.0V, 1000V	1mV	±(1.0% +5d)
Resistance	600.0Ω, 6.000kΩ, 60.00kΩ, 600.0kΩ, 6.000MΩ, 60.00MΩ	0.1Ω	±(1% +4d)
	6.000nF, 60.00nF, 600.0nF, 6.000μF, 60.00μF, 600.0μF, 6000μF	1pF	+(5% +30d)
Frequency	6.000Hz, 60.00Hz, 600.0Hz, 6.000KHz, 60.00KHz, 600.0KHz, 10MHz	0.001Hz	+(1.0% +5d)
	10Hz to 10kHz, 40Hz to 100Hz		±(1.0% +5d)
Duty Cycle	0.5%~99.9%	0.1	+(1.2% +10d)
Temperature	-50°C~1000°C, -58 °F~+1832°F	0.1 °C/ °F	+(3% +5°C/ 9°F)
Total Harmonic Distortion	99.9%	0.1%	±(3% + 10d)
Harmonic distortion measurement	99.9%	0.1%	±(5% + 10d)
Active Power	999.9KW		A _{error} x V _{reading} + V _{error} x A _{reading}
Power Factor	-1.0 ~ 0, 0 ~ 1.0		±(3% + 1d)
Diode test	Forward DCA is approx. 1mA, open circuit Voltage MAX. 3V		
Continuity check	Buzzer sounds at 50Ω		



Meterbox Pro



Model 3349W



Size(HxWxD): 230mm x 76mm x 40mm

Weight: 315g

Accessories:

Test leads, temperature probe, gift box with carrying case, 9V battery.