

# 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



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)
Capacitance	6.000nF, 60.00nF, 600.0nF, 6.000uF, 60.00uF, 600.0uF, 6000uF	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		

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

**Weight:** 315g

**Accessories:**

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



Meterbox Pro