



# DL6508 - Expert TRMS Clamp c/w Inrush Current

- 1500A AC/DC Current
- 1000V DC/750V AC
- Min/Max & Hold
- Inrush Current
- Lead Set
- 40000 Count Display
- Auto Power Off
- Soft Carry Case



The DL6508 is a True RMS 1500A AC/DC Clamp Meter which provides safer measurements with its double molded plastic housing design. With its large bargraph, 40000 count display and 0.1% base tolerance on DC current, the DL6508 is Di-log's most versatile clamp meter.

The DL6508 also has the ability to measure inrush current for measuring the initial start up current of motors, lighting etc. Supplied with carry case and lead set

#### DL6508- Key Features

- TRMS AC & DC Current to 1500A
- 1000V DC, TRMS 750V AC
- Min, Max, Peak & Hold function
- Inrush Current to 1500A
- Frequency to 40.000Hz
- Capacitance to 40.00mF
- Resistance to 40.000MΩ
- Temperature via K-type

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# DL6508 - SPECIFICATIONS

## DC Voltage

Range	Resolution	Accuracy
400.00mV	0.01mV	±0.1 % of rdg ± 5 dgts
4.0000V	100uV	±0.1 % of rdg ± 4 dgts
40.000V	1mV	±0.1 % of rdg ± 4 dgts
400.00V	100mV	±0.1 % of rdg ± 4 dgts
1000.0V	0.1V	±0.5 % of rdg ± 4 dgts

Maximum Input: 1000V DC

## AC Voltage

Range	Resolution	Accuracy
400.00mV	10uV	±0.8 % of rdg ± 40 dgts
4.0000V	0.1mV	±1.0 % of rdg ± 30 dgts
40.000V	1mV	±1.0 % of rdg ± 30 dgts
400.00V	10mV	±1.0 % of rdg ± 30 dgts
0750.0V	0.1V	±1.0 % of rdg ± 30 dgts

Maximum Input: 750VAC

Frequency: 50Hz to 1000Hz

Note: No Autoranging on 400mV Range

## DC Current

Range	Resolution	Accuracy
400.00A	10mA	±2.0 % of rdg ± 30 dgts
1500.0A	100mA	±2.5 % of rdg ± 30 dgts

Maximum Input: 1500A

## AC Current

Range	Resolution	Accuracy
400.00A	10mA	±2.8 % of rdg ± 30 dgts
1500.0	100mA	±2.8 % of rdg ± 30 dgts

Maximum Input: 1000A

## Resistance

Range	Resolution	Accuracy
400.00Ω	0.01Ω	±0.5 % of rdg ± 9 dgts
4.0000kΩ	0.1Ω	±1.0 % of rdg ± 4 dgts
40.000kΩ	1Ω	±1.0 % of rdg ± 4 dgts
400.00kΩ	10Ω	±1.0 % of rdg ± 4 dgts
4.0000MΩ	0.1kΩ	±2.0 % of rdg ± 10 dgts
40.000MΩ	1kΩ	±3.0 % of rdg ± 10 dgts

Input Protection:

## Capacitance

Range	Resolution	Accuracy
400.00nF	10pF	±3.5 % of rdg ± 40 dgts
4000.0nF	0.1pF	±3.0 % of rdg ± 10 dgts
40.00uF	10nF	±3.5 % of rdg ± 10 dgts
400.0uF	100nF	±3.5 % of rdg ± 10 dgts
4.000mF	1uF	±5.0 % of rdg ± 10 dgts
20.00mF	10uF	±5.0 % of rdg ± 10 dgts
40.00mF	10uF	

Input Protection: 250V DC or 250V AC

## Diode Test

Test current: 0.3mA typical

Open circuit voltage: 1.5V DC typical

Overload protection: 250V DC or AC

## Audible continuity

Audible threshold: Less than 50Ω

Test current: <1mA

Overload protection: 250V DC or 250VAC.

## Temperature

Range	Resolution	Accuracy
-100.0 to 1000.0°C	0.1°C	±1.0 % of rdg ± 2.5°C
-148.0 to 1832.0°F	0.1°F	±1.0 % of rdg ± 4.5°F

Maximum Input: 60V DC or 24V AC

## Frequency

Range	Resolution	Accuracy
40.000Hz	0.001Hz	±0.3 % of rdg ± 2 dgts
400.00Hz	0.01 Hz	±0.3 % of rdg ± 2 dgts
4.0000kHz	0.1Hz	±0.3 % of rdg ± 2 dgts
40.000kHz	1Hz	±0.3 % of rdg ± 2 dgts
400.00kHz	10Hz	±0.3 % of rdg ± 2 dgts
4.0000MHz	10kHz	±0.3 % of rdg ± 2 dgts
40.000Mhz	1kHz	±0.3 % of rdg ± 2 dgts

## Duty Cycle

Range	Resolution	Accuracy
10.0 to 95.0%		±1.0 % of rdg ± 2 dgts

Pulse width: 100us to 100ms, Frequency: 10Hz - 100kHz

Supplied with 1x 9V battery

Dimensions: 294(H) x 105(W) x 47(D) mm

Weight: 536g

**All Di-log Clamp Meters  
supported by a  
2 Year Warranty**



EMC & LVD  
EN: 50081-1, 50082-1  
EN: 61010-1, EN 61010-02-031  
CAT III 600V CAT II 1000V

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