

DL6414

TRMS 1000A AC/DC Clamp Meter

The Di-LOG DL6414 is a high-performance True RMS digital clamp meter designed for precise measurements in electrical engineering applications. Its robust construction and advanced features including a 1000V DC measurement, Low Impedance and Inrush Current make it suitable for a wide range of tasks, including domestic and medium commercial solar installations.

Key Features:

- **Accurate AC/DC Current Measurement:** Measures up to 1000A with exceptional accuracy, ensuring reliable results.
- **Versatile Voltage Measurement:** Handles both AC and DC voltages up to 1000V, making it adaptable to various applications.
- **Compact and Ergonomic Design:** The streamlined body and 35mm jaw opening allow for easy handling and access to confined spaces.
- **Comprehensive Measurement Capabilities:** Includes additional functions such as LoZ (Low Impedance), Inrush Current, VFD (Variable Frequency Drive), and an integrated LED torch.
- **Safety and Protection:** Rated CAT IV 600V for safe operation and complete protection across all measurement ranges.

Applications:

Electrical engineering | Domestic and commercial solar installations
Industrial maintenance | HVAC systems | Automotive diagnostics

Specifications

| Measurement | |
|---------------------|---------------------------------------|
| AC Voltage | 0.001V - 1000V AC |
| DC Voltage | 1mV - 1000DC |
| LoZ (Low Impedance) | 1mV - 300V AC |
| Non-contact Voltage | 1000V AC |
| AC Current | 0.1A - 1000A AC |
| DC Current | 0.1A - 1000A DC |
| Resistance | 0.1 Ω - 60 MΩ |
| Capacitance | 0.01nF - 100mF |
| Frequency | 9.999Hz - 99.99kHz |
| Temperature °C | -20°C to 1000°C |
| Temperature °F | -4°F to 1832°F |
| Diode test | 0.3 mA typical 3.2V DC |
| Other Information | |
| Clamp Jaw Size | 35mm |
| Power supply | 3 x 9 AAA alkaline battery (supplied) |
| Dimensions | 250 x 78 x 40 mm |
| Weight | 350g |

Sales: +44(0)161 877 0322
Email: sales@dilog.co.uk
Web: www.dilog.co.uk

All Di-LOG Clamp Meters
supported by a
2-Year Warranty



SOLAR PV
READY
www.dilogenergy.co.uk