DL469 AC 400A TRMS Clamp Meter
DL479 AC 600A TRMS HVAC/R Clamp Meter

CATIII / CATIV True RMS Clamp-On Meter

DL469 & DL479

- True RMS
- 400A AC
- 750V AC/600V DC
- Resistance 40MΩ
- DC microamps 2000µA
- Diode test
- Non-contact voltage detection
- Audible Continuity
- 4000 Count display
- Data Hold
- Manual ranging option
- Worklight
- Audible voltage indicator
- Auto power off
- Low battery indicator
- Over molded grip
- Test lead storage
- Auto calibration
- Battery compartment latches
- 2-Year Limited warranty

DL479 Adds:

- 600A AC
- Resistance 60MΩ
- Capacitance 2000µF
- Temperature -31˚ to 752˚F (-35˚ to 400˚C)
- Frequency/Duty cycle
- 6000 Count display
- Min/Max (25ms fast capture)
- Backlight
- Magnetic mount

Applications

- Motor or line current
- Control voltage or system board voltage checks
- Circuit continuity or specified resistance
- Flame safe guard
- Quick check of live wires
- Diode malfunctions/unbroken paths

AC 400A TRMS Clamp Meter

DL469

Includes

- Test leads, w/alligator clips
- Zippered pouch
- Batteries 2 (AAA)
- Manual

Specifications

AC Amps - Jaw Input

Range	Resolution	Accuracy	Overload Protection
40A	0.01A	±(3.0% +10 dgts)	600V RMS
400A	0.1A	±(2.5% +10 dgts)	

True RMS Frequency range: Sine 50Hz to 400Hz
Frequency width: 60Hz to 400Hz: 5% to 95%, Frequency width: 400Hz to 4kHz: 15% to 85%

AC Volts (45Hz to 400Hz)

Range	Resolution	Accuracy	Overload Protection
400mV	0.1mV	±(1.0% +8 dgts)	1000V RMS
4V	1mV		
40V	10mV		
400V	100mV		
750V	1V	±(1.2% +8 dgts)	

True RMS Frequency range: Sine 50Hz to 400Hz, Square 50Hz to 170Hz, Sine 50Hz to 400Hz
Bandwidth: Sine = 0.5% error at 1.5kHz (max)
Bandwidth: Square = 0.5% error at 0.1kHz (max)
Bandwidth: Triangle = 0.5% error at 1.2kHz (max)

DC Volts

Range	Resolution	Accuracy	Overload Protection
400mV	0.1mV	±(0.8% +5 dgts)	1000V RMS
4V	1mV		
40V	10mV		
400V	100mV		
600V	1V	±(1.0% +5 dgts)	

DC Low Amps

Range	Resolution	Accuracy	Overload Protection
400µA	0.1µA	±(1.2% +3 dgts)	2000µA/600V RMS
2000µA	1µA		

Resistance

Range	Resolution	Accuracy	Overload Protection
400Ω	0.1Ω	±(1.0% +5 dgts)	600V RMS
4kΩ	1Ω		
40kΩ	10Ω		
400kΩ	100Ω		
4MΩ	0.001MΩ		
40MΩ	0.01MΩ	±(1.5% +5 dgts)	

Diode Test

Range	Open Circuit	Test Current	Overload Protection
4.0V	<3.0V DC	1.30mA	600V RMS

Continuity

Open Circuit	Response Time	Overload Protection
<1.0V	<50ms	600V RMS

Non-Contact Voltage

On Voltage
Approx. 25V AC

Downloads

Manual

Data Sheet

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Made in CHINA

AC 600A TRMS HVAC/R Clamp Meter

DL479

Includes

- Test leads, w/alligator clips
- Thermocouple temperature probe
- Zippered pouch
- Batteries 2 (AAA)
- Manual

Specifications

AC Amps - Jaw Input

Range	Resolution	Accuracy	Overload Protection
60A	0.01A	±(2.0% +8 dgts)	600V RMS
600A	0.1A		

True RMS Frequency range: Sine 50Hz to 400Hz
Frequency width: 60Hz to 400Hz: 5% to 95%
Frequency width: 400Hz to 4kHz: 15% to 85%

AC Volts (45Hz to 400Hz)

Range	Resolution	Accuracy	Overload Protection
600mV	0.1mV	±(1.0% +3 dgts)	1000V RMS
6V	1mV		
60V	10mV		
600V	100mV		
750V	1.0V		

True RMS Frequency range: Sine 50Hz to 400Hz, Sine 50Hz to 400Hz
Bandwidth: Sine = 0.5% error at 1.5kHz (max)
Bandwidth: Square = 0.5% error at 0.1kHz (max)
Bandwidth: Triangle = 0.5% error at 1.2kHz (max)

DC Volts

Range	Resolution	Accuracy	Overload Protection
600mV	0.1mV	±(0.5% +4 dgts)	1000V RMS
6V	1mV		
60V	10mV		
600V	100mV		

DC Low Amps

Range	Resolution	Accuracy	Overload Protection
600µA	0.1µA	±(1.2% +3 dgts)	2000µA/600V RMS
2000µA	1.0µA		

Resistance

Range	Resolution	Accuracy	Overload Protection
600Ω	0.1Ω	±(0.8% +3 dgts)	600V RMS
6kΩ	1Ω		
60kΩ	10Ω		
600kΩ	100Ω		
6MΩ	0.001MΩ		
60MΩ	0.01MΩ	±(1.2% +3 dgts)	

Frequency

Range	Resolution	Accuracy	Overload Protection
99.99Hz	0.01Hz	±(0.1% per+3 dgts)	600V RMS
999.9Hz	0.1Hz		
9.999kHz	0.001kHz		

Duty Cycle

Range	Resolution	Accuracy	Overload Protection
0.5% to 95% 60Hz to 400Hz	0.1%	±(0.2% per kHz +2.0% +2 dgts)	600V RMS
15% to 85% 400Hz to 2kHz			

Sensitivity > 6Vpp RMS

Diode Test

Range	Open Circuit V	Test Current	Overload Protection
4.0V	<3.0V DC	1.30mA	600V RMS

Capacitance

Range	Resolution	Accuracy	Overload Protection
60nF	0.01nF	±(3.0% +5 dgts)	600V RMS
600nF	0.1nF		
6.000µF	0.001µF		
60.00µF	0.01µF		
600.0µF	0.1µF		
2000µF	1µF		

Continuity

Open Circuit V	Response Time	Overload Protection
<1.0V	<50ms	1000V

Temperature

Range	Resolution	Accuracy	Overload Protection
-31˚ to 752˚F	0.1˚F	±(1.5% +3.6˚F)	600V RMS
-35˚ to 400˚C	0.1˚C	±(1.5% +2.0˚C)	

Stated accuracy does not account for themocople accuaracy
Sensitivity >2Vpp RMS

Non-Contact Voltage

On Voltage
Approx. 25V AC

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DL469 & DL479 Optional Accessories

AAC	AAC3	AC12	ATHA1	ATLTX
Alligator clips, slip-on	Alligator clips, screw-on	Test lead kit carrying case	Gas valve thermocouple adapter	Modular test lead kit extension wire
				
ATL1	**ATL2**	**ATL3**	**ATL4**	**ATL5**
Modular test lead tips – standard (ATLX required)	Modular test lead tips – alligator (ATLX required)	Modular test lead tips – grabber tip (ATLX required)	Modular test lead tips – remote alligator tip (ATLX required)	Modular Test Lead Tips - Back Probe (ATLTX Required)
				
ATLX	**ATL6**	**ATLFT**	**ATL301KIT**	**ATLBPK**
Modular test lead tips – back probe	Modular test lead tips – piercing (ATLX required)	Modular test lead tips – fused probe tips (ATLX required)	Test lead kit	Back probe test lead kit
				
ATL55	**ATL57**			
Test lead (standard)	Silicone test leads