

EX650 Series True RMS 600A Clamp Meters



Troubleshoot current output on an electrical panel, verify Temperature output on HVAC units, and quickly detect live voltages with built-in Non-contact Voltage Detector.

Professional clamps featuring Low Impedance (LoZ) mode and choice of advanced model with Low Pass Filter (LPF) and Inrush functions

- True RMS for accurate AC measurements
- 1.18" (30mm) jaw size accommodates conductors up to 350MCM
- LoZ prevents false readings caused by ghost voltages
- μ A function for HVAC flame rod Current measurements
- Built-in Non-contact AC Voltage Detector (NCV) with LED indicator
- 6000 count backlit LCD display
- Data Hold freezes the reading on the display
- Min/Max captures highest and lowest readings
- Relative function
- Convenient LED worklight for viewing in dimly lit area
- Auto Power Off conserves battery life
- 3 year warranty

Model EX650

- 9 Functions including AC Current
- Complete with test leads and 3 AAA batteries

Model EX655

- 12 Functions including AC/DC Current
- Frequency and Type K Temperature
- Low Pass Filter (LPF) for accurate measurement of variable frequency drive signals
- Inrush mode captures current surges during motor startup
- DC ZERO mode
- LCD trending bargraph
- Complete with test leads, general purpose bead wire Temperature probe and 3 AAA batteries

SPECIFICATIONS	EX650	EX655
AC Current (Max Res.)	6A, 60A, 600A (0.001A)	60A, 600A (0.01A)
DC Current	—	60A ,600A (0.01A)
Basic accuracy	ACA: $\pm 2.5\%$ of rdg	ACA: $\pm 2.5\%$ of rdg; DCA: $\pm 2.5\%$ of rdg
AC/DC μ A Current (Max Res.)	600 μ A (0.1 μ A)	600 μ A (0.1 μ A)
DC Voltage (Max Res.)	1000V (0.1mV)	1000V (0.1mV)
AC Voltage (Max Res.)	750V (1mV)	750V (1mV)
Basic accuracy	ACV: $\pm 1.2\%$ of rdg; DCV: $\pm 0.8\%$ of rdg	ACV: $\pm 1.2\%$ of rdg; DCV: $\pm 0.8\%$ of rdg
Non-Contact Voltage (NCV)	100 to 1000V	100 to 1000V
Resistance (Max Res.)	60M Ω (0.1 Ω)	60M Ω (0.1 Ω)
Capacitance (Max Res.)	60mF (0.01nF)	60mF (0.01nF)
Frequency (Max Res.)	—	10Hz to 1MHz (0.01Hz)
Temperature (Max Res.)	—	-40 to 1832°F (1°F) -40 to 1000°C (1°C)
Continuity Beeper	Yes	Yes
Diode Test	Yes	Yes
Dimensions	9x3x1.6" (228x77x41mm)	9x3x1.6" (228x77x41mm)
Weight	9.4oz (265g)	9.4oz (265g)

ORDERING

EX650	N	True RMS 600A AC Clamp Meter	\$109.99
EX655	N	True RMS 600A AC/DC Clamp Meter	\$139.99
TL810		Electrical Test Lead Kit	\$49.99
TL803		Standard Test Leads	\$8.99
TP200		Type K Clamp Probe (212°F/100°C)	\$40.99
480172		AC Line Splitter	\$15.99

EX600 Series True RMS 400A Dual Input Clamp Meters + NCV



Dual Type K Inputs for taking differential temperature readings needed for superheat measurements.

Built-in dual Type K thermocouple inputs for T1, T2, and T1-T2 differential temperature measurement

- True RMS for accurate AC measurements
- 1.25" (32mm) jaw opening for conductors up to 500MCM
- Built-in non-contact Voltage detector with LED alert
- DC μ A multimeter function for HVAC flame rod Current measurements
- DC Current function ideal for automotive, heavy equipment and marine applications
- Built-in non-contact IR Thermometer (model EX623) with laser pointer for locating hot spots with 8 to 1 distance to target ratio
- 40,000 count multimeter functions for DC Voltage, Resistance, Capacitance, and Frequency for high resolution over wider ranges
- Data Hold plus fast Peak Hold of current surges during motor startup
- Measures motor capacitors to 40,000 μ F
- Rugged double molded housing
- Auto power off with audible alert and disable function
- Autoranging with manual override
- 1 year warranty
- Complete with CAT III-600V, double molded test leads, 9V battery, two general purpose Type K bead wire probes and case

SPECIFICATIONS	EX613	EX623
AC/DC Current (Max Res.)	400.0A AC/DC (10mA)	400.0A AC/DC (10mA)
Basic ACA accuracy	$\pm 1.5\%$	$\pm 1.5\%$
AC/DC Voltage (Max Res.)	600V (0.1mV)/600V (0.01mV)	600V (0.1mV)/600V (0.01mV)
DC μ A Current (Max Res.)	4000 μ A (0.01 μ A)	4000 μ A (0.01 μ A)
Resistance (Max Res.)	40.000M Ω (0.01 Ω)	40.000M Ω (0.01 Ω)
Capacitance (Max Res.)	40mF (0.01nF)	40mF (0.01nF)
Frequency (Max Res.)	40MHz (0.001Hz)	40MHz (0.001Hz)
Temperature - Type K	-58 to 1832°F (-50 to 1000°C)	-58 to 1832°F (-50 to 1000°C)
Temperature - IR	—	-58 to 518°F (-50 to 270°C)
Diode (2.8V) Continuity	Yes	Yes
Duty Cycle	0.5 to 99.0%	0.5 to 99.0%
Dimensions	9x3.1x1.9" (229x80x49mm)	9x3.1x1.9" (229x80x49mm)
Weight	10.7oz (303g)	10.7oz (303g)

ORDERING

EX613	N	True RMS 400A 400AC/DC Clamp Meter	\$189.99
EX623	N	True RMS 400A AC/DC Clamp Meter + IR	\$239.99
TL810		Electrical Test Lead Kit	\$49.99
TL803		Standard Test Leads	\$8.99
TP200		Type K Clamp Probe (212°F/100°C)	\$40.99
480172		AC Line Splitter	\$15.99



Built-in IR Thermometer for quick and safe non-contact temperature measurements.



Non-Contact Voltage Detection.