

## EX65x Series True RMS 600A Clamp Meters



Choice of AC Current (EX650) or fully loaded advanced AC/DC Current (EX655) model. Both meters feature True RMS providing accurate readings when measuring distorted or noisy waveforms and Low Impedance (LoZ) mode to eliminate false readings caused by ghost voltages. EX655 also features Low pass filter (LPF) which attenuates high frequencies to reduce noise for accurate readings and Inrush mode to capture current surges during motor startup.



Model EX650

Model EX655

### Common Features

- True RMS for accurate AC measurements
- 1.18" (30mm) jaw size accommodates conductors up to 350MCM
- LoZ prevents false readings caused by ghost voltages
- $\mu$ 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

### Model Features

- **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 on next page

### Ordering

EX650 **N** ..... True RMS AC Clamp Meter

EX655 **N** ..... True RMS AC/DC Clamp Meter

**N** Indicates products that are available with optional calibration traceable to NIST. Order with -NIST after part number.



EX650 UPC Code: 793950396506  
EX655 UPC Code: 793950396551

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