

# 37899-ME

## Multi Function DC Panel Meter - 100Volts - 10Amps - 1KWatts

Snap-in panel meter with 0.28" Character Height, 3 line LED display.

**Operating Voltage:** DC 8~24V

(Separate Power required if measured voltage is <8 or > 24VDC)

Operating Current: <30mA

**Measured Voltage:** 0.000~100.0V (Red LED Display)

**Measured Current:** 0.000~9.999A (Green LED Display)

**Measured Power:** 0.000W~1000W (Blue LED Display)

Refresh Rate: ~300ms

Accuracy: 1% ( $\pm 1$  digit)

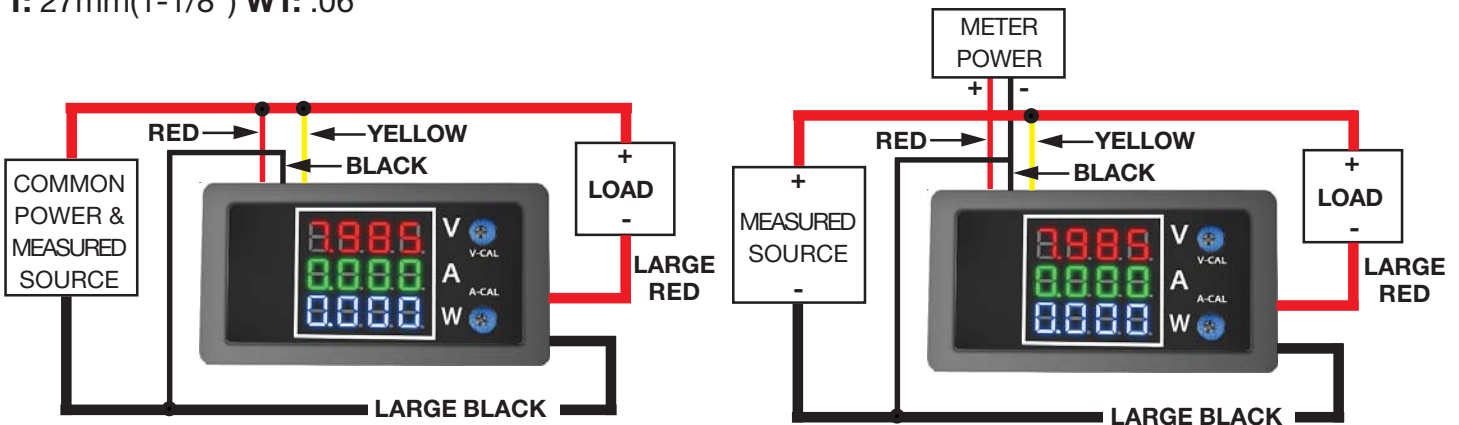
Operating Temperature: -10 to 65°C

Operating Humidity: 10 to 80% (non-condensing)

Cutout: 72.0mm x 39.0mm

**W:** 79.3mm (3-1/8") **H:** 42.25mm (1-21/32")

**T:** 27mm(1-1/8") **WT:** .06



**Small AWG Red Lead (VCC):** Meter Power Input positive (+) lead (8-25V)

**Note:** If the measurement signal is lower than 25V, Small Red lead can be directly used as the power supply of the meter (Connect the Small Yellow lead and the Small Red lead in parallel to source +)

**Small AWG Black Lead (GND):** Meter Power Input negative (-) lead (8-25V) and Measurement Input signal Common Ground.

**Small AWG Yellow Lead (VIN):** Measurement Signal Input positive (+) lead (0-99.9V)

**Larger AWG Red Lead (Input+):** Current input positive lead (**Must** be connected to the the negative pole of the load)

**Larger AWG Black Lead (Input-):** Current input negative lead (**Must** be connected to the negative pole of the Power Source) LOW SIDE MEASUREMENT SENSING

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