



User Guide

Dual Display LCD AC Volt-Amp Meter

D85-2042A is digital AC voltmeter and ammeter for measuring AC voltage and AC current in the same instrument. It does not require external power supply, compact and very convenient for accurate AC measurement. Widely used in audio amplifier, power distribution box, distribution cabinets, regulator, teaching tools, small household distribution box. This VA meter required external current sense transformer (included in the package) to function.



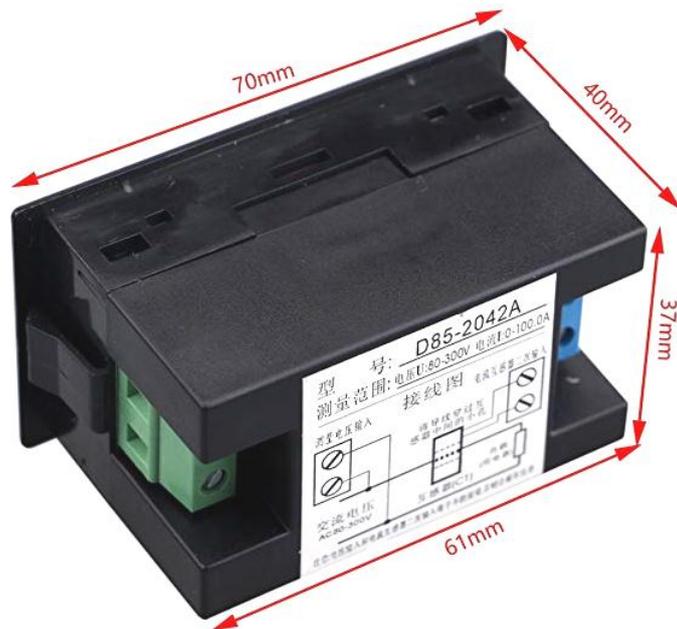
SKU: [ASS-1074](#)

Brief Data:

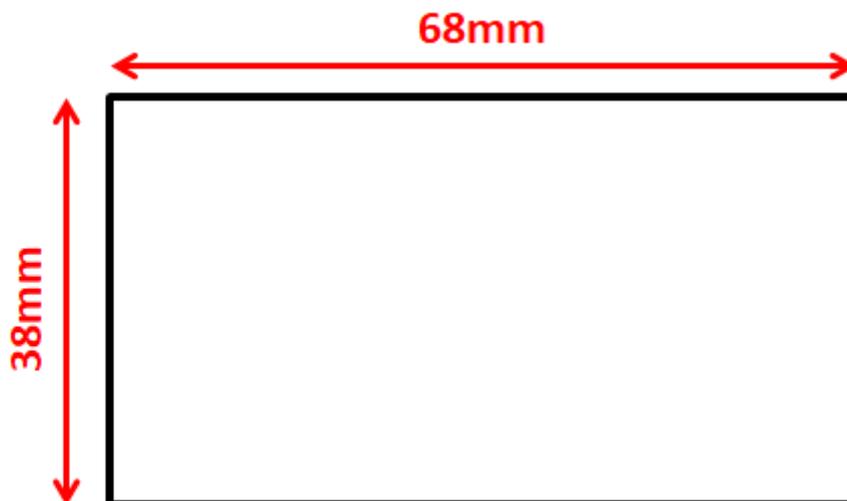
- Measurement accuracy: $\pm 1\%$.
- Measuring range:
 - Voltage: 80~300VAC.
 - Current: 0.1-100A
- Power Consumption: 0.2VA.
- Display: Positive Mode 3-Digits LCD.
- Current Sense Transformer: External Toroid (included).
- Measurement speed: about 2 times per second.
- Dimensions: (70x40x39) mm.
- Panel Cut-out: (68x38) mm.

Note: This instrument is only suitable for pure AC 50~60HZ power supply. Cannot measure on square wave, inverter output, otherwise the instrument will be damaged!

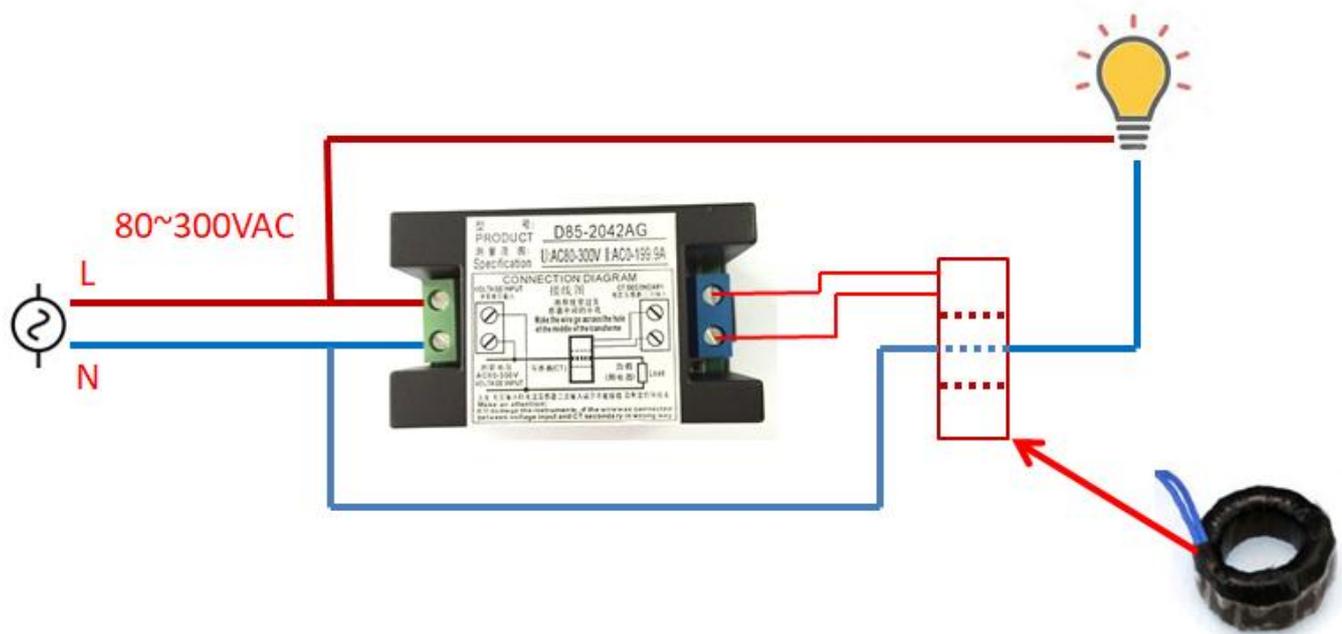
Mechanical Dimension:



Suggested Panel Cut-Out Size:



Connection Diagram:



Package Include:

- 1x Dual Display VA Meter Module.
- 1x Current Sensing Toroid Transformer.