

## YD52-2066 DIN-Rail Multi-Function Digital Meter



### General

YD52-2066 DIN-rail multi-function Digital meter can measure AC voltage, AC current, active power, power factor, frequency and electric energy and the same time. The meter have a colorful, full-view, high definition LCD to display the measure parameters.

### Technical data

Model	YD52-2066 AC40-300.0V	YD52-2066 AC200.0-450.0V
Voltage	AC40.0-300.0V[for 110V 220V]	AC200.0-450.0V[for 380V 450V]
Current	AC 0-100.0A, the current resolution is 0.01A	
Frequency	45.0Hz-65.0Hz	
Power factor	0.00-1.00PF	
Electric power	45000W	
Electric energy	0-99999kwh	
Accuracy	1%±2 words	
Speed	2 times per second	
Installation	Din-Rail	

### Note:

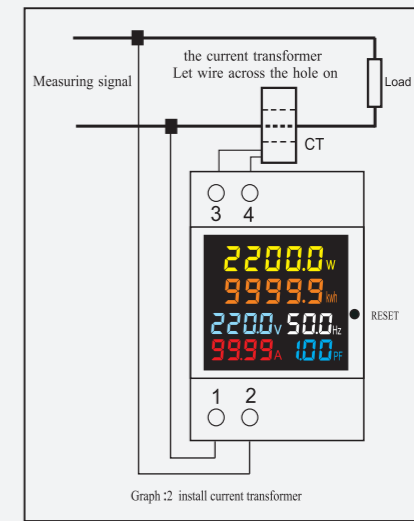
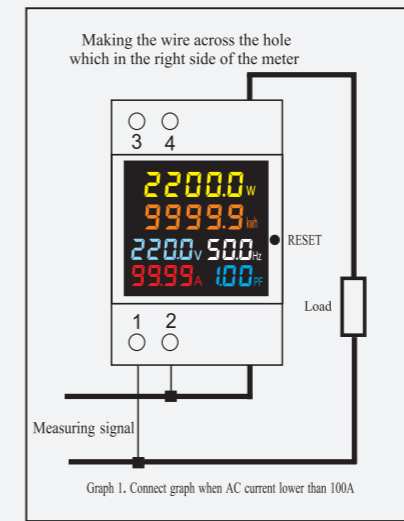
The electric power resolution is 0.1W when measure electric power between 0-9999.9w, otherwise the electric power resolution is 1W. The display of electric energy resolution is 0.01kwh when measure electric energy between 0-999.99kwh the display of electric energy resolution is 0.1kwh when measure electric energy between 1000.0-9999.9kwh and the display of electric energy resolution is 1kwh when measure electric energy larger than 9999.9kwh.

### Application Method

1. Connect the measure voltage to the 1 and 2 terminal.
2. Connections of meter with internal current transformer as graph 1. Make the wire through the hole in the meter and the direction chose arbitrarily.
3. Connections of meter with external current transformer as graph 2. Make the wire through the hole in the meter, and connect the two wires of the secondary transformer to the 3 and 4 terminal.
4. When power on, the meter display the measure parameters.
5. When power on, you can press the button of SAM CK last for 5 seconds, then the electric energy will to be zero and start to cumulate when release the button. And when power off, the meter can save the value of electric energy and go on cumulating data when the meter power-on next.

Attention: The meter can only use for measure 45-65Hz AC city electricity.

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### Overall and mounting dimensions (mm)

