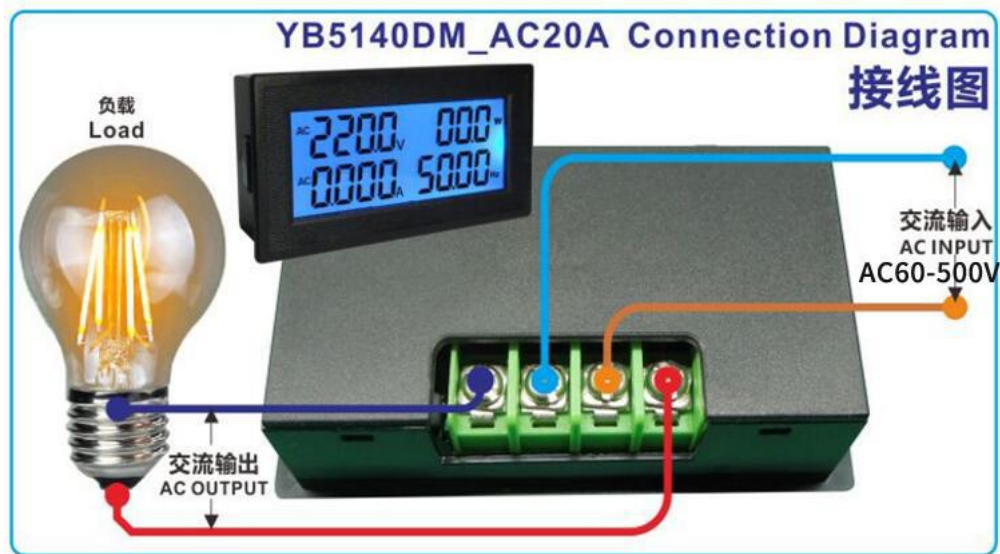


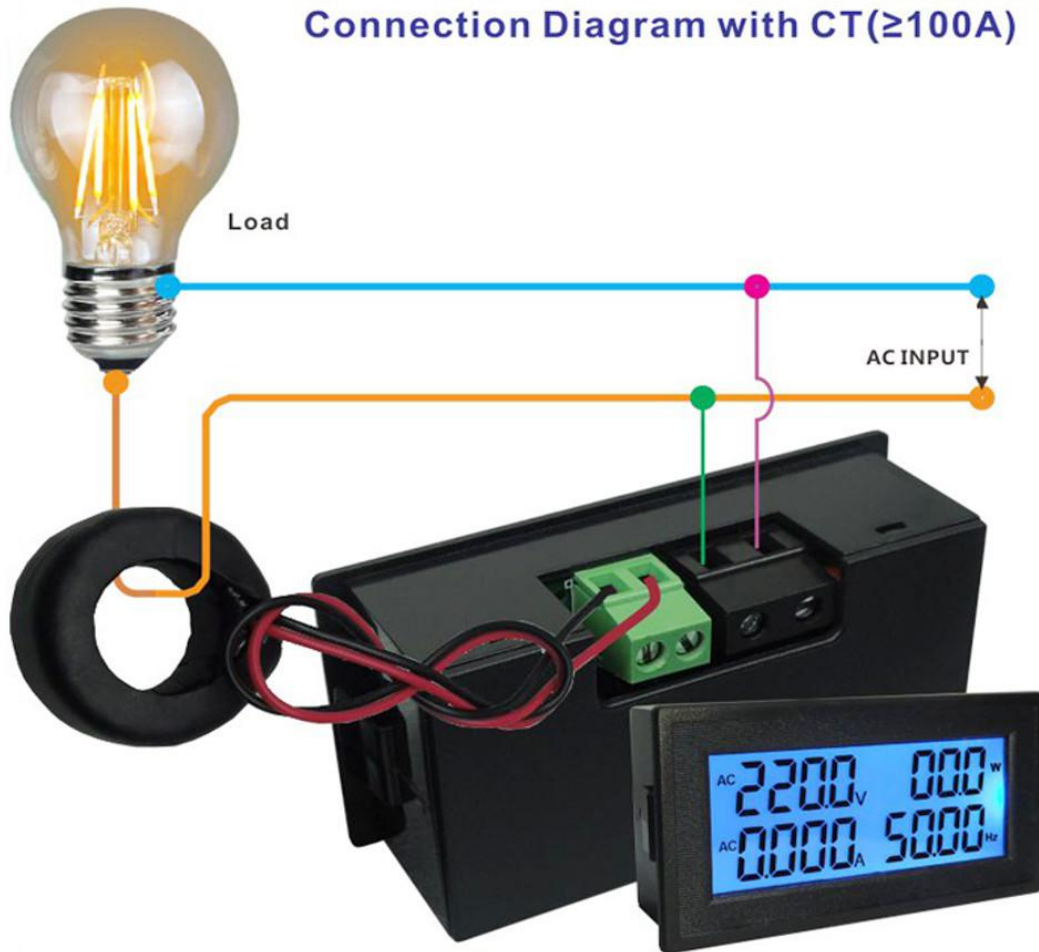
Note:

- Four green terminals: The middle two posts are the input terminals, and the left and right terminals are the output terminals. Do not connect the wrong ones. The wrong connection will cause permanent damage to the instrument.
- Note: This table is designed using the capacitor buck principle, so the higher the frequency, the lower the impedance of the capacitor, so it is not suitable for high-frequency electronic speed regulation, non-mains sine wave frequency, or other high-frequency components. Otherwise it is easy to burn.
- When selecting the range, the larger the range, the better. The larger the range, the more the error will be. It is recommended to be 1.5 or 2 times the actual test value.



/	Range	Test Range	Resolution	Remark
Voltage	AC60-500V	AC 60.00-500.0 V	<100V: 0.01V >100V: 0.1V	
Current	AC20A (direct test)	AC 0.000-20.00 A	<10A: 0.001A >10A: 0.01A	Automatic decimal shift Accuracy: 0.5% +/- 2 words
	AC100A (instrument inner hole 16mm)	AC 0.020-99.99 A	<10A: 0.001A >10A: 0.01A	
	AC200A (instrument inner hole 26mm)	AC 0.04-200.0 A	<100A: 0.01A >100A: 0.1A	
Active power		00.0-9999 KW	00.0-999.9W: 0.1W 1000-9999W: 1W 010.0 KW-999.9KW: 0.1KW >1000KW resolution is: 1KW	Automatic decimal shift
Frequency		45.00-65.00 Hz	0.01 Hz	
Power factor		0.000-1.000	0.001	
Electric energy		0.000-9999 KWh	0.000-9.999 KWh: 0.001KWh 10.00-99.99 KWh: 0.01KWh 100.0 KWh - 999.9 KWh: 0.1KWh >1000 KWh: 1KW	Automatic decimal shift

## Connection Diagram with CT ( $\geq 100\text{A}$ )



### Features:

1. Six-in-one electrical parameter measurement: AC voltage, current, active power, frequency, power factor, electrical energy
2. Power clear mode: press key to clear, automatically clear
3. Display type: LCD display, blue backlight: one screen multi-display, a total of 7 display modes are available
4. Blue backlight brightness adjustable: highlight, low light, no light
5. The button inside the meter can calibrate the voltage, current error and other options.
6. Display value update speed is optional: fast, standard, slow, suitable for different working environments
7. Display accuracy can be set: 3 digits, 4 digits: different requirements apply
8. Power-down data saving function
9. AC voltage, current, power and electric energy are all designed by automatic shift of decimal point.

10. Simple wiring of the instrument: two wires in, two wires out: no need to connect additional power supply; current test does not need to purchase additional transformer or shunt, built-in high-precision shunt

11. Dimensions: 79\*43\*26mm

12. Installation opening size: 76\*39.5mm

Key operation:

• MODE button:

■ Each time you press , switch the display mode of the variable display area:

Only display frequency Hz - only display power factor RF - only display power kWh - power factor PF, frequency Hz cycle display a power factor PF, power kWh cycle display - frequency Hz, power kWh - frequency Hz, power factor PF , electric energy kWh - cycle

■ Long press to enter the setting mode or confirm to exit

• SET button:

■ Each time you press, switch the brightness of a backlight: highlight, low light, no light

■ In the setting mode, press ,, add a number to the number or switch the corresponding option

■ Long press to cancel the setting or exit

Main Menu		Set options
1-CU	Calibration voltage error	
2-CA	Calibration current error	
3-SP	Set display value update speed	F: Fast S: Standard L: Slow
4-En	Set power options	Acc: - straight automatic accumulation
F-dS	Set the number of display digits	REA: Power off and then power on. When the output is connected to the load and generates power, the power flashes and clears and reaccumulates: if there is no load, it will not be cleared.
H-rS	Restore factory value	N: No operation Y: All settings are restored to factory values

Extreme working conditions:

Working temperature: -10 ~ +50 ° C

Working humidity: 10~80% (no condensation)

Working pressure: 80 ~ 106kPa

Sunlight: no direct illumination

