

## DW9L series 3 phase multi-function power meter with following features



- 1) To measure: Voltage, Current, Active Power, Reactive Power, Power Factor, Frequency (Hz), Kwh, 4 Quadrant Energy, etc. Total 28 electrical parameters;
- 2) 240\*160 dot big LCD for display.
- 3) Two On-Off Input / Output, with remote control RS485 Modbus communication and measurement function;
- 4) Isolation between Input and Output signal;
- 5) True effective value measuring;
- 6) Two alarm output for Voltage, Current, Power Factor, Active Power, Reactive Power;
- 7) Transformed analog output 4-20mA for voltage, current, active power, reactive power, frequency, power factor;
- 8) With RS485 communication function (Modbus RTU protocol);
- 9) With power down memory function for KWH / KvarH.

Connection	3 Phase 3 Wires, 3 Phase 4 Wires
Rated voltage value	AC 50-260V Phase Voltage / AC 50-450V Line Voltage
Voltage overload	Continuous: 1.2 times Instantaneous: 2 times/10S
Consumption of voltage	<1VA (each phase)
Voltage impedance	$\geq 300K \Omega$
Voltage accuracy	RMS measure, accuracy class 0.5
Rated current value	AC 0.025A -- 5A
Current overload	Continuous: 1.2 times Instantaneous: 10 times/10S
Consumption of current	<0.4VA (each phase)
Current impedance	<20m $\Omega$
Current accuracy	RMS measure, accuracy class 0.5
Frequency	45-60Hz, accuracy 0.1Hz
Power	Active / Reactive / Apparent power, accuracy 0.5%F.S.
Energy	Accuracy for Active Power and Reactive Power : 1%F.S.
Display	LCD display
Power supply range	AC/DC 100--240V (85--265V)
Power supply consumption	$\leq 7VA$