





Product Function

When the tested circuit is not open, simultaneously measure the three-phase of AC voltages, currents, phases between voltages, phases between currents, phases between voltages and currents, frequency, phase sequence, active power, reactive power, apparent power, power factor and vector sum.

Product Features

- 1. Intelligent design, reduce the complexity of operation, reduce the possibility of misoperation, with high precision, high stability, low power consumption, easy to use and other advantages.
- 2. The meter provide large caliber clamp current sensor, suitable for thick wire conductor and large current test sit, Max current range up to 600A.
- 3. Adopt with voltage transformer and clamp current sensor to input, without high voltage inside the meter, complete isolation between 3 input channels, safe and reliable.
- 4. Equip with USB interface, Data storage up to 1200 groups, upload the storage data to computer via the system software, convenient to read, save, report, print historical data, etc.

Technical Specification

Voltage Range: AC 0.00V−600V Resolution: AC 0.01V Error: ±(0.5% range) Current Range: AC 0mA~600A Resolution: AC 1mA Resolution: AC 1mA Range, Resolution, Error (reference conditions) Frequency Range: 45.00Hz~65.00Hz Resolution: 0.1Hz Error: ±1.0% range) Reactive power Range: 0.0w~360kW Resolution: 0.1Wa Error: ±1.0% range) Reactive power Range: 0.0w~360kW Resolution: 0.1Wa Error: ±1.0% range) Apparent power Range: 0.0w~360kWA Resolution: 0.1Wa Error: ±1.0% range) Power factor Range: -1.000~+1.000 Resolution: 0.1VA Error: ±0.03 Current vector vector sum range: 0.0A~1800A Resolution: 0.1A Error: ±0.03 Power Supply DC9V Alkaline battery (LR6 1.5V X8PCS) Error: ±0.03 Display Mode 2.8 inch TFT color LCD screen; Display area: 58mmX44mm Error: ±0.03 CT Size 35mmX40mm SmmX40mm Instrument Weight About 2.5kg (include accessories) Meter Dimension 196mmX92mmX54mm Data Storage 500 groups Frost storage 500 groups Data Hold In testing, press HOLD key to hold the data, "HD" symbol display Frost vite place: U1, U2,				
Phase Range: 0.0°-360.0° Resolution: 0.1° Error: ±1°	, ,	Voltage Range: AC 0.00V~600V	Resolution: AC 0.01V	Error: ±(0.5% range)
Range, Resolution, Error (reference conditions) Frequency Range: 45.00Hz		Current Range: AC 0mA~600A	Resolution: AC 1mA	Resolution: AC 1mA
Range, Resolution, Error (reference conditions)		Phase Range: 0.0°~360.0°	Resolution: 0.1°	Error: ±1°
Active power Range: 0.0W~360kW Resolution: 0.1W Error: ±(1.0% range) Reactive power Range: 0.0Va~360kVa Resolution: 0.1var Error: ±(1.0% range) Apparent power Range: 0.0Va~360kVA Resolution: 0.001 Error: ±(1.0% range) Power Supply Description: ±0.00~+1.000 Resolution: 0.001 Error: ±0.03 Power Supply DC9V Alkaline battery (LR6 1.5V X6PCS) Error: ±0.03 Display Mode 2.8 inch TFT color LCD screen; Display area: 58mmX44mm Error: ±0.03 CT Size 35mmX40mm Error: ±0.04 Instrument Weight About 2.5kg (include accessories) Error: ±0.04 Meter Dimension 196mmX92mmX54mm Error: ±0.04 Data Storage 500 groups Error: ±0.04 Data Hold In testing, press HOLD key to hold the data, "HD" symbol display Phase Sequence Positive phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to right Invert phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to right Invert phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to analyze management data Communication Interface USB interface, store data can be upload to computer, convenient to analyze management data Cable Length Test LINE length: 1.5m; Clamp current sensor length		Frequency Range: 45.00Hz~65.00Hz	Resolution:0.01Hz	Error:±(1.0% range)
Reactive power Range: 0.0var~360kvar Resolution: 0.1var Error: ±(1.0% range) Apparent power Range: 0.0vAr~360kvA Resolution: 0.01vA Error: ±0.03 Power factor Range: -1.000~+1.000 Resolution: 0.01a Error: ±0.03 Power Supply DC9V Alkaline battery (LR6 1.5V X6PCS) From the power Supply DC9V Alkaline battery (LR6 1.5V X6PCS) Display Mode 2.8 inch TFT color LCD screen; Display area: 58mmX44mm From the power Supply SmmX40mm Instrument Weight About 2.5kg (include accessories) From the power Supply Posimix92mmX54mm Detection Rate About 2.second/times From the power Supply From the power Supply Data Storage 500 groups From the power Supply From the power Supply Data Hold In testing, press HOLD key to hold the data, "HD" symbol display Phase Sequence Positive phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to right invert phase: U1, U2, U3 or I1, I2, I3 cursor flash from right to left Communication Interface USB interface, store data can be upload to computer, convenient to analyze management data Cable Length Test LINE length: 1.5m; Clamp current sensor length: 2m Automatic Shutdown Automatic Shutdown after starting up 15 minutes without any operation V		Active power Range:0.0W~360kW	Resolution:0.1W	Error:±(1.0% range)
Power factor Range: -1.000~+1.000 Resolution: 0.001 Error: ±0.03 Current vector vector sum range: 0.0A~1800A Resolution: 0.11A Power Supply DC9V Alkaline battery (LR6 1.5V X6PCS) Display Mode 2.8 inch TFT color LCD screen; Display area: 58mmX44mm CT Size 35mmX40mm Instrument Weight About 2.5kg (include accessories) Meter Dimension 196mmX92mmX54mm Detection Rate About 2second/times Data Storage 500 groups Data Hold In testing, press HOLD key to hold the data, "HD" symbol display Phase Sequence Positive phase: U1, U2, U3 or 11, 12, 13 cursor flash from right to left (nvert phase: U1, U2, U3 or 11, 12, 13 cursor flash from right to left Communication Interface USB interface, store data can be upload to computer, convenient to analyze management data Cable Length Test LINE length: 1.5m; Clamp current sensor length: 2m Automatic Shutdown Automatic shutdown after starting up 15 minutes without any operation Voltage Detection When the battery voltage is lower than 7.2V; low battery symbol will display, remind to replace battery Input Impedance Test voltage input impedance: 1MΩ Working Current Max power consumption of close backlight: 90mA		Reactive power Range:0.0var~360kvar	Resolution:0.1var	Error:±(1.0% range)
Current vector vector sum range: 0.0A~1800A Resolution: 0.1A Power Supply DC9V Alkaline battery (LR6 1.5V X6PCS) Display Mode 2.8 inch TFT color LCD screen; Display area: 58mmX44mm CT Size 35mmX40mm Instrument Weight About 2.5kg (include accessories) Meter Dimension 196mmX92mmX54mm Detection Rate About 2second/times Data Storage 500 groups Data Hold In testing, press HOLD key to hold the data, "HD" symbol display Phase Sequence Positive phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to right Invert phase: U1, U2, U3 or I1, I2, I3 cursor flash from right to left Communication Interface USB interface, store data can be upload to computer, convenient to analyze management data Cable Length Test LINE length: 1.5m; Clamp current sensor length: 2m Automatic Shutdown Automatic shutdown after starting up 15 minutes without any operation Voltage Detection When the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace battery Input Impedance Test voltage input impedance: 1MΩ Working Current Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA		Apparent power Range: 0.0VA~360kVA	Resolution:0.1VA	Error:±(1.0% range)
Power Supply DC9V Alkaline battery (LR6 1.5V X6PCS) Display Mode 2.8 inch TFT color LCD screen; Display area: 58mmX44mm CT Size 35mmX40mm Instrument Weight About 2.5kg (include accessories) Meter Dimension 196mmX92mmX54mm Detection Rate About 2second/times Data Storage 500 groups Data Hold In testing, press HOLD key to hold the data, "HD" symbol display Phase Sequence Positive phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to right Invert phase: U1, U2, U3 or I1, I2, I3 cursor flash from right to left Communication Interface USB interface, store data can be upload to computer, convenient to analyze management data Cable Length Test LINE length: 1.5m; Clamp current sensor length: 2m Automatic Shutdown Automatic shutdown after starting up 15 minutes without any operation Voltage Detection When the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace battery Input Impedance Test voltage input impedance: 1MΩ Working Current Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA		Power factor Range: -1.000~+1.000	Resolution: 0.001	Error: ±0.03
Display Mode 2.8 inch TFT color LCD screen; Display area: 58mmX44mm CT Size 35mmX40mm Instrument Weight About 2.5kg (include accessories) Meter Dimension 196mmX92mmX54mm Detection Rate About 2second/times Data Storage 500 groups Data Hold In testing, press HOLD key to hold the data, "HD" symbol display Phase Sequence Positive phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to right Invert phase: U1, U2, U3 or I1, I2, I3 cursor flash from right to left Communication Interface USB interface, store data can be upload to computer, convenient to analyze management data Cable Length Test LINE length: 1.5m; Clamp current sensor length: 2m Automatic Shutdown Automatic shutdown after starting up 15 minutes without any operation Voltage Detection When the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace battery Input Impedance Test voltage input impedance: 1MΩ Working Current Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA		Current vector vector sum range: 0.0A~1800A	Resolution: 0.1A	
CT Size 35mmX40mm Instrument Weight About 2.5kg (include accessories) Meter Dimension 196mmX92mmX54mm Detection Rate About 2second/times Data Storage 500 groups Data Hold In testing, press HOLD key to hold the data, "HD" symbol display Phase Sequence Positive phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to right Invert phase: U1, U2, U3 or I1, I2, I3 cursor flash from right to left Communication Interface USB interface, store data can be upload to computer, convenient to analyze management data Cable Length Test LINE length: 1.5m; Clamp current sensor length: 2m Automatic Shutdown Automatic shutdown after starting up 15 minutes without any operation Voltage Detection When the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace battery Input Impedance Test voltage input impedance: 1MΩ Working Current Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA	Power Supply	DC9V Alkaline battery (LR6 1.5V X6PCS)		
Instrument Weight About 2.5kg (include accessories) Meter Dimension 196mmX92mmX54mm Detection Rate About 2second/times Data Storage 500 groups Data Hold In testing, press HOLD key to hold the data, "HD" symbol display Phase Sequence Positive phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to right Invert phase: U1, U2, U3 or I1, I2, I3 cursor flash from right to left Communication Interface USB interface, store data can be upload to computer, convenient to analyze management data Cable Length Test LINE length: 1.5m; Clamp current sensor length: 2m Automatic Shutdown Automatic shutdown after starting up 15 minutes without any operation Voltage Detection When the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace battery Input Impedance Test voltage input impedance: 1MΩ Working Current Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA	Display Mode	2.8 inch TFT color LCD screen; Display area: 58mmX44mm		
Meter Dimension 196mmX92mmX54mm Detection Rate About 2second/times Data Storage 500 groups Data Hold In testing, press HOLD key to hold the data, "HD" symbol display Phase Sequence Positive phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to right Invert phase: U1, U2, U3 or I1, I2, I3 cursor flash from right to left Communication Interface USB interface, store data can be upload to computer, convenient to analyze management data Cable Length Test LINE length: 1.5m; Clamp current sensor length: 2m Automatic Shutdown Automatic shutdown after starting up 15 minutes without any operation Voltage Detection When the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace battery Input Impedance Test voltage input impedance: 1MΩ Working Current Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA	CT Size	35mmX40mm		
Detection RateAbout 2second/timesData Storage500 groupsData HoldIn testing, press HOLD key to hold the data, "HD" symbol displayPhase SequencePositive phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to right Invert phase: U1, U2, U3 or I1, I2, I3 cursor flash from right to leftCommunication InterfaceUSB interface, store data can be upload to computer, convenient to analyze management dataCable LengthTest LINE length: 1.5m; Clamp current sensor length: 2mAutomatic ShutdownAutomatic shutdown after starting up 15 minutes without any operationVoltage DetectionWhen the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace batteryInput ImpedanceTest voltage input impedance: 1MΩWorking CurrentMax power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA	Instrument Weight	About 2.5kg (include accessories)		
Data Storage500 groupsData HoldIn testing, press HOLD key to hold the data, "HD" symbol displayPhase SequencePositive phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to right Invert phase: U1, U2, U3 or I1, I2, I3 cursor flash from right to leftCommunication InterfaceUSB interface, store data can be upload to computer, convenient to analyze management dataCable LengthTest LINE length: 1.5m; Clamp current sensor length: 2mAutomatic ShutdownAutomatic shutdown after starting up 15 minutes without any operationVoltage DetectionWhen the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace batteryInput ImpedanceTest voltage input impedance: 1MΩWorking CurrentMax power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA	Meter Dimension	196mmX92mmX54mm		
Data Hold In testing, press HOLD key to hold the data, "HD" symbol display Phase Sequence Positive phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to right Invert phase: U1, U2, U3 or I1, I2, I3 cursor flash from right to left Communication Interface USB interface, store data can be upload to computer, convenient to analyze management data Cable Length Test LINE length: 1.5m; Clamp current sensor length: 2m Automatic Shutdown Automatic shutdown after starting up 15 minutes without any operation Voltage Detection When the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace battery Input Impedance Test voltage input impedance: 1MΩ Working Current Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA	Detection Rate	About 2second/times		
Phase Sequence Positive phase: U1, U2, U3 or I1, I2, I3 cursors flash from left to right Invert phase: U1, U2, U3 or I1, I2, I3 cursor flash from right to left Communication Interface USB interface, store data can be upload to computer, convenient to analyze management data Cable Length Test LINE length: 1.5m; Clamp current sensor length: 2m Automatic Shutdown Automatic shutdown after starting up 15 minutes without any operation Voltage Detection When the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace battery Input Impedance Test voltage input impedance: 1MΩ Working Current Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA	Data Storage	500 groups		
Phase Sequence Invert phase: U1, U2, U3 or I1, I2, I3 cursor flash from right to left Communication Interface USB interface, store data can be upload to computer, convenient to analyze management data Cable Length Test LINE length: 1.5m; Clamp current sensor length: 2m Automatic Shutdown Automatic shutdown after starting up 15 minutes without any operation Voltage Detection When the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace battery Input Impedance Test voltage input impedance: 1MΩ Working Current Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA	Data Hold	In testing, press HOLD key to hold the data, "HD" symbol display		
Cable Length Test LINE length: 1.5m; Clamp current sensor length: 2m Automatic Shutdown Automatic shutdown after starting up 15 minutes without any operation Voltage Detection When the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace battery Input Impedance Test voltage input impedance: 1MΩ Working Current Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA	Phase Sequence	1 , , , ,		
Automatic Shutdown Automatic shutdown after starting up 15 minutes without any operation Voltage Detection When the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace battery Input Impedance Test voltage input impedance: 1MΩ Working Current Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA	Communication Interface	USB interface, store data can be upload to computer, convenient to analyze management data		
Voltage Detection When the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace battery Input Impedance Test voltage input impedance: 1MΩ Working Current Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA	Cable Length	Test LINE length: 1.5m; Clamp current sensor length: 2m		
Input Impedance Test voltage input impedance: 1MΩ Working Current Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA	Automatic Shutdown	Automatic shutdown after starting up 15 minutes without any operation		
Working Current Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA	Voltage Detection	When the battery voltage is lower than 7.2V, low battery symbol will display, remind to replace battery		
	Input Impedance	Test voltage input impedance: $1M\Omega$		
Accessories Host meter: 1PCS: Clamp current sensor: 3PCS: Test line: 4PCS: LISB data cable: 1PCS: Meter case: 1PCS	Working Current	Max power consumption of open backlight: 135mA; Power consumption of close backlight: 90mA		
The tributes. If the final part of the first fine the control of the control of the first fine the control of t	Accessories	Host meter: 1PCS; Clamp current sensor: 3PCS; Test line: 4PCS; USB data cable: 1PCS; Meter case: 1PCS		

