

WON-G1

WON-G1 Multifunction Energy Meter is a smart device that measures and monitors key electrical parameters in real time.

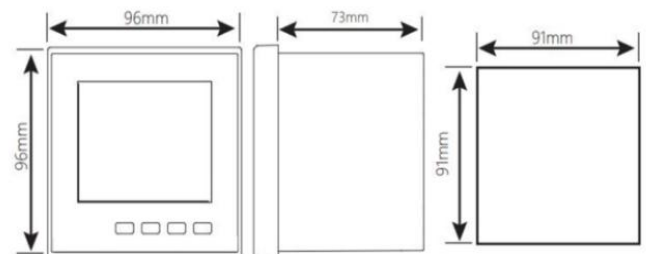
It helps industries, businesses, and buildings track energy consumption, improve power quality, and reduce operating costs with accurate and reliable data.



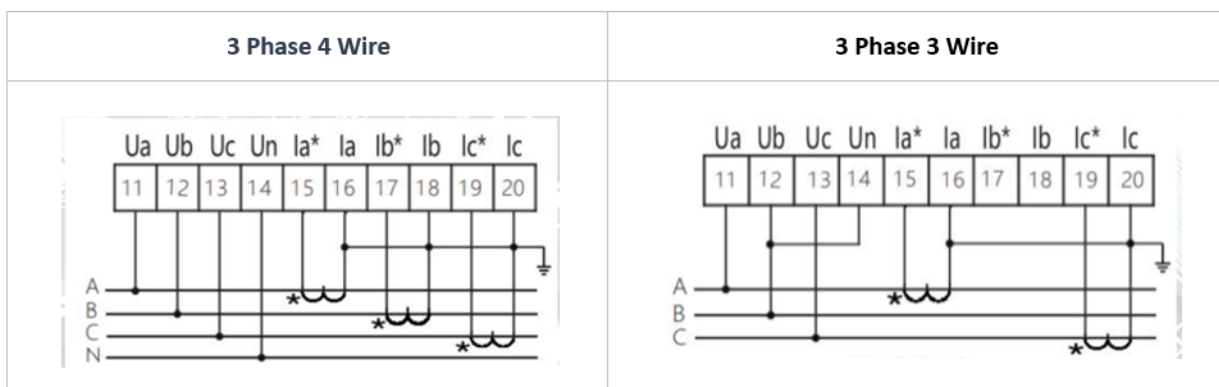
Product Features

- Supports 1P2W / 3P3W / 3P4W networks.
- Phase-wise and total power measurement
- Modbus RS-485 communication up to 19200 bps
- Large high-resolution display with clear visibility
- Phase-wise and total demand statistics
- Real-time load and fan chart display
- Bidirectional energy metering
- Unbalance, phase sequence, and phase angle monitoring
- Auto/manual display scrolling with configurable backlight
- CT operated (1A / 5A), field programmable ratio.
- Compact panel mounting size: 96 × 96 mm.

Dimensions



Wiring Diagram



Technical Specifications

Type	CT Operated
Wiring	3 phase 4 wires or 3 phase 3 wires
CT Ratio	CT Ratio -/5 or -/1A Programmable
Accuracy	Accuracy Energy Class 1.0 / 0.5S, Accuracy Voltage 0.2%, Accuracy Current 0.2%
Frequency	45-60 Hz
Power supply voltage	AC/DC85~265V
Voltage	Power consumption <5VA, Rated Voltage AC 100V, 230V,400V, Voltage Power consumption <0.4VA/Phase
Current	Rated Current AC 5A(0.02A-6A), Current Power Consumption <0.2VA/Phase
Communication	RS485 Modbus 4.8kbps, 9.6kbps, 19.2kbps
Temperature	Operation temperature: -20°C~55°C, Storage: -25°C~70°C
IP Class	IP 51
Dimensions	96x96mm Cut-out size: 92+0,8 mm x 92+0,8 mm
Electromagnetic Compatibility test EMC	Electrostatic discharge immunity test GB/T 17626.2-2006 test level 4, test voltage 8kV
RF electromagnetic field immunity test	GB/T 17626.3-2006:test level 3, test field strength of 10V/ m
Fast transient pulse group test	GB/T 17626.4-2008 other 500V
Surge (shock) immunity test	GB/T 17626.5-2008 test level 4, test voltage 4kV
RF field induction conducted harassment immunity test	GB/T17626.6-2008:test level 3, test field strength of 10V/ m
Voltage transients, short interruptions and voltage changes in the immunity test	GB/T 17626.11-2008 current and voltage test error qualified
Oscillation wave immunity test	GB/T 17626.12-1998: Class B ITE test, qualified
Humidity	≤90%RH, non-condensing, no corrosive air
Altitude	≤2500m
Certification	CE Certified

Address

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