

World Class Electronic Manufacturing Partner



About Us

Wonporul Technologies is an emerging electronic equipment manufacturing company established in 2023, based in Tamil Nadu, India. We specialize in the design and manufacturing of Multifunction Energy Meters (MFM) and Power Quality Meters for industrial and commercial applications.

Our Expertise

At Wonporul we specialize in the design, development, and manufacturing of high-performance industrial electronics products that power industries across the globe.

With decades of expertise in the field, we deliver innovative, reliable, and precision-engineered solutions that support the demands of today's rapidly evolving industrial environment.

Why Choose Us ?

- **Quality and Reliability:** Our products undergo rigorous testing to ensure they meet the highest industry standards for performance and durability, even in the most demanding conditions
- **Innovation:** We continuously innovate and incorporate the latest technologies to keep our products at the forefront of industrial electronics.
- **Expertise:** Our team of engineers and industry experts brings years of knowledge and experience to every project, offering exceptional support and solutions.
- **Sustainability:** We are committed to environmental responsibility, designing energy-efficient and environmentally friendly electronics that minimize impact on the planet.
- **Global Reach:** With a broad manufacturing footprint and strong logistics network, we supply

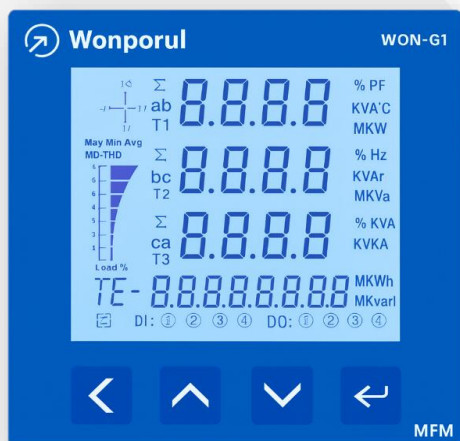
Industrial Electronic Products

Our industrial electronics products are crafted to meet the highest standards of quality, durability, and performance. We cater to a wide range of sectors, including manufacturing, automation, energy, transportation, and telecommunications.

Whether you need robust electronic components for automation systems, energy-efficient solutions for power management, or advanced sensors for industrial monitoring, we offer a diverse portfolio tailored to meet the unique needs of your business.

Multifunction Energy Meter

WON - G1



96 x 96mm Bi-Directional MFM

Class 0.5S | RS485 Modbus | 1P/3P

85–265V AC/DC | CT -/5

Measures V, I, kW, kVA, kVAh, PF, Hz

Please Refer Detailed Data Sheet

Multifunction Energy Meter + Power Quality

WON - G2



96 × 96mm Bi-Directional MFM | Class 0.5S
RS485 (Modbus) + Inbuilt Data Logger
3P/1P | CT/VT Programmable
Measures V, I, kW, kVA, kVAh, PF, Hz, MD
Harmonics up to 63rd | 4DI + 2DO

Please Refer Detailed Data Sheet

MFM + Power Quality + Ethernet TCP/IP

WON - G4



96×96mm Bi-Directional MFM | Class 0.5S
RS485 + TCP/IP Ethernet
CT/VT Programmable | Data Logging + RTC
3P/1P | LV/MV/HV
4DI + 2DO | MD Monitoring
Harmonics up to 63rd | Touch Display

Please Refer Detailed Data Sheet

MFM + Power Quality with Rogowski CT /Split Core CT

WON - H2 - R



96×96mm Bi-Directional MFM | Class 0.5S
RS485 Modbus | 95–265V AC/DC
1DI + 1 Relay Output
Harmonics up to 50th order
Rogowski / 333mV CT (10A–6000A)
6-Tariff | Alarms | High Accuracy

Please Refer Detailed Data Sheet

Multifunction Energy Meter + Power Quality

WON – G8



96x96mm Bi-Directional MFM | Class 0.5S
85-265V AC/DC, 45...65Hz
CT/VT Site programmable,
RS485 Modbus Inbuilt
THD up to 63rd order,
Max. Demand, -20°C to 70°C

Please Refer Detailed Data Sheet

DIN-Single Phase Energy Meter-100A

WON-G1-D100



Phase Bi-Directional MFM | Class 1
Direct 100A | RS485 Modbus
High-Resolution LCD
DIN-Rail Mount | Compact Design

Please Refer Detailed Data Sheet

DIN-Three Phase Energy Meter-100A

WON-G3 D100



3-Phase 100A Bi-Directional MFM | Class 0.5S
Direct Connected | RS485 Modbus
High-Resolution LCD
DIN-Rail Mount | Industrial Grade

Please Refer Detailed Data Sheet

DIN-CT-Multifunction Energy Meter

WON-G3DCT



CT-Operated Bi-Directional MFM | Class 0.5S
85–265V AC/DC | RS485 Modbus
High-Resolution LCD
DIN-Rail Mount
1 Pulse Output

Please Refer Detailed Data Sheet

Wi-Fi-Multifunction Energy Meter + Power Quality

WON-G7



Data Logger through RS485 Modbus Inbuilt
Bi-Directional MFM | Class 0.5
Aux: 85-265 VAC/DC | 1xPulse
VT & CT Ratio: Site -1/, -/5A Programmable
Harmonics up to 63rd order
Touch Buttons | RTC

Please Refer Detailed Data Sheet

DIN-Power Quality with Rogowski CT

WON-H4-D-R-SC



Bi-Directional MFM | Class 0.5S
RS485 Modbus | 95–265V AC/DC
1 DI + 1 Relay Output
Harmonics up to 50th
Rogowski / 333mV CT (10A–6000A)
6-Tariff | Alarms | High Accuracy

Please Refer Detailed Data Sheet

Wonporul Meters-Technical Specifications

S.No	Details	Wonporul Meters 96x96				
1	Models	WON-G1	WON-G2	WON-G4	WON-G8	WON-H2-R
2	Make/Brand	Wonporul	Wonporul	Wonporul	Wonporul	Wonporul
3	COO	India	India	India	India	India
4	Type	MFM	MFM+PQM	MFM+PQM	MFM+PQM	MFM+PQM
5	Aux Supply	85-265 VAC/DC	85-265 VAC/DC	85-265 AC/DC	85-265 AC/DC	Option 1 : 85-265 AC/DC Option 2 : 9-36VDC
6	Display	LCD	LCD	LCD	LCD	LCD
7	Connection	CT Operated	CT Operated	CT Operated	CT Operated	CT Operated
8	CT/VT ratio	Site Programmable	Site Programmable	Site Programmable	Site Programmable	Site Programmable
9	Accuracy Kwh	Class 0.5S	Class 0.5S	Class 0.5S	Class 0.5S	Class 0.5S
10	Accuracy V & I	0.2%	0.2%	0.2%	0.2%	0.2%
11	Dimensions	96*96	96*96	96*96	96*96	96*96
12	K-Factor	No	Yes	Yes	No	Yes
13	RS485 Modbus	Yes	Yes	Yes	Yes	Yes
14	Ethernet TCP/IP	No	No	Yes	No	No
15	Network	LV	LV\MV\HV	LV\MV\HV	LV\MV\HV	LV\MV
16	Individual V&I Harmonics	No	Up to 63	Up to 63	No	Up to 50
17	THD-V	No	Yes	Yes	Yes	Yes
18	THD-I	No	Yes	Yes	Yes	Yes
19	Digital Input	No	4	4	No	2
20	Digital Output	No	2	2	1 Pulse Output	2
21	Relay Output	No	No	No	No	2
22	CT Connection	Bus Bar/ Split Core	Bus Bar/ Split Core	Bus Bar/ Split Core	Bus Bar/ Split Core	Rogowski/ Split Core CT/333mV
23	Operating Temperature	-25°C~55°C	-25°C~55°C	-25°C~55°C	-25°C~55°C	- 20° C ~+ 70° C
24	Warranty	5 Years	5 Years	5 Years	5 Years	5 Years
25	Service Life	15 Years	15 Years	15 Years	15 Years	15 Years
26	Maxi Current Measurement	1-6000A	1-6000A	1-6000A	1-6000A	1-6000A

S. No	Details	Wonporul Meters-Din-Rail				
1	Models	WON-G1-D100	WON-G3-D100	WON-G3-DCT	WON-G7	WON-H4-D-R-SC
2	Make	Wonporul	Wonporul	Wonporul	Wonporul	Wonporul
3	COO	India	India	India	India	India
4	Type	MFM	MFM	MFM	MFM+PQM	MFM + PQM
5	Aux Supply	230V AC	230V AC	85-265 VAC/DC	85-265 VAC/DC	85-265 AC/DC
6	Display	LCD	LCD	LCD	LCD	LCD
7	Connection	Direct Connected	Direct Connected	CT Operated	CT Operated	CT Operated
8	CT/VT ratio	Site programable	Site programable	Site Programable	Site Programmable	Site programable
9	Accuracy Kwh	Class 1	Class 0.5 S	Class 0.5 S	Class 0.5S	Class 0.5 S
10	Accuracy V & I	0.5%	0.5%	0.5%	0.5%	0.2%
11	Dimensions	Din-Rail	Din-Rail	Din-Rail	Din-Rail	Din-Rail
12	K-Factor	No	No	No	Yes	Yes
13	RS485 Modbus	Yes	Yes	Yes	Yes, with Inbuilt Wi-fi	Yes
14	Ethernet TCP/IP	No	No	No	Yes	No
15	Network	LV	LV	LV/MV	LV\MV\HV	LV/MV
16	Individual V & I	No	No	Up to 50th	Up to 63	Up to 50th
17	THD-V	No	Yes	Yes	Yes	Yes
18	THD-I	Yes	Yes	Yes	Yes	Yes
19	Digital Input	Yes	Yes	No	1	2
20	Digital Output	No	No	1	1	2
21	Relay Output	No	No	No	No	2
22	CT Connection	Bus Bar/ Split Core	Bus Bar/ Split Core	Bus Bar/ Split Core	Bus Bar/ Split Core	Rogowski/ Split Core CT/ 333mV
23	Operating Temperatur	-25°C~+55°C	-25°C~+55°C	-25°C~+55°C	-25°C~55°C	- 20° C ~+ 70° C
24	Warranty	5 Years	5 Years	5 Years	5 Years	5 Years
25	Service Life	15 Years	15 Years	15 Years	15 Years	15 Years
26	Front Operation	Push Buttons	Push Buttons	Push Buttons	Touch Buttons	Push Buttons

Connect With Us

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