

Smart Measurement, Smarter Energy.

iMeter Pro Series

High-precision smart meter with dual CT inputs and LAN/Wi-Fi, enabling real-time monitoring and electricity management.



Dual CT Inputs

Monitor two circuits for accurate energy analysis.



LAN/Wi-Fi

Flexible wired or wireless network access.



High Precision

±1% reliable measurement.



Real-Time Monitoring

Instant power, voltage, and current, fully compatible with WattDesk.



Remote Alerts

Automatic notifications for abnormal usage.



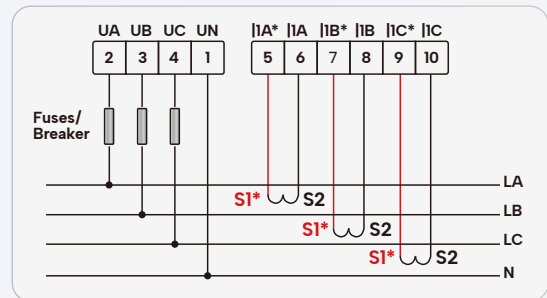
Easy Installation

Compact design with simple CT wiring, system compatible including WattDesk.

Comprehensive Interfaces
Dual CT Inputs and Full Connectivity



Clear Connections for Accurate Monitoring
Three-phase(Wye) Wiring



Wattsonic Smart Meter

Model	CT Count	Model	CT Count
iMeter-120A (CTs/D16)	3	iMeter Pro-120A(CTs/D16)	3
iMeter-200A (CTs/D24)	3	iMeter Pro-200A(CTs/D24)	3
iMeter-300A (CTs/D24)	3	iMeter Pro-300A(CTs/D24)	3
iMeter-400A (CTs/D35)	3	iMeter Pro-400A(CTs/D35)	3
iMeter-120A (CTd/D16)	6	iMeter Pro-120A(CTd/D16)	6
iMeter-200A (CTd/D24)	6	iMeter Pro-200A(CTd/D24)	6
iMeter-300A (CTd/D24)	6	iMeter Pro-300A(CTd/D24)	6
iMeter-400A (CTd/D35)	6	iMeter Pro-400A(CTd/D35)	6

Signal and power input

Voltage	230(LN)/400V(LL),3~
Frequency	50~60 Hz
Current	40mA
Current Overload	Continue; 1.2 times; instantaneous; 2times/10
Voltage input impedance	>1MΩ

Accuracy

Current/Voltage	0.5%
Frequency	±0.01Hz
Active Power	Class 0.5s
Energy	Class 0.5s

General data

Over Voltage category	III
Dielectric strength	Resistance from signal, power supply and output terminal to shell >100MΩ
Withstand voltage	Input and power supply >1.5kV
Communication	iMeter:Modbus RTU(RS485); iMeter Pro:Modbus RTU(RS485), WiFi/LAN (RS485 cable:standard length 15m)
Display	OLED
Voltage power consumption	iMeter:<5VA; iMeter Pro: <7.5VA
Noise Level(dB)	<25
Terminal capacity	0.5~4 mm ²
Size(L*W*H)	86*72*70mm
Weight	150g
Protection class	IP20 (For indoor Use)
Installation method	35mm DIN Rail
Operating temperature	-30~+60°C
Operating humidity	<95%, No Condensation
Operating altitude	<3000m

*Wattsonic reserves the right to modify the product specifications and appearance described in this datasheet without prior notice.