

QMS-TP1 Three Phase Electricity Meter

	IP54 Ingress protection IP54 waterproof
	Up to 8 years battery life
	Remote connection/disconnection
	STS Standard
	Real-time clock
	Utilities can set TOU price into meter on request
	Anti-Tamper Magnetic field protection



Payment Method Supported

- * Mpesa
- * Airtel Money
- * Mtn Momo
- * Mixx (Tigo Pesa)
- * Waafi (Evc Plus, Sahal, Zaad, Jeeb)
- * E-Dahab
- * Telebirr
- * Premier wallet, Tplus, E-Besa and more

QMS-TP1 Three Phase Electricity Meters are STS standard compliant, keypad type prepaid electricity meter. It can be topped up with Quick Meters software with 20-digit tokens. Once the credit becomes zero, the relay will be cut off automatically. The integrated keypad of single phase electricity meter is offered to enter recharge TOKEN and check the data like Residual Credit, Total Purchased Credit and Total Consumption by inputting the short code.

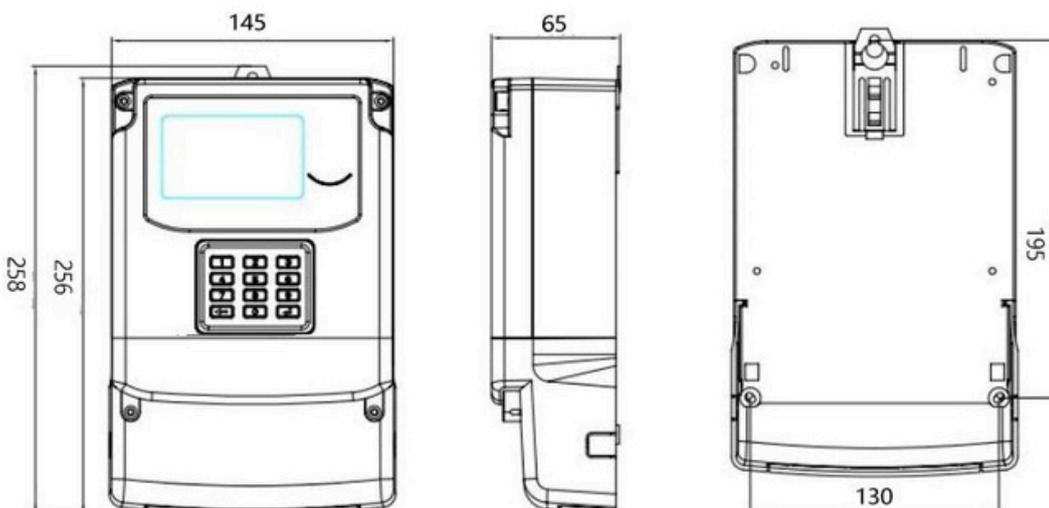
Electrical Parameters

Nominal Voltage	3×230V
Working Voltage Range	70%~120%Un
Nominal Frequency	50-60Hz
Basic Current (Ib)	10A
Maximum Current (Imax)	100A
Starting Current (Ist)	30mA
Active Energy Constant	400imp/kWh
Active Energy Accuracy	Class 1.0
Reactive Energy Accuracy	Class 2.0
Power Consumption in Voltage Circuit	<2W <8VA
Power Consumption in Current Circuit	<1VA
Operation Temperature Range	-25°C-70°C
Temperature Range	-40°C-85°C

Electric Magnetic Compatibility

AC Insulation Strength	4kV at 50Hz during 1 min	
Impulse voltage 1.2/50 us mains connections	8kV	
Electrostatic Discharges	Contact discharge	8kV
	Air discharge	16kV
Electromagnetic RF Field	27MHz-500MHz	10V/m
	100KHz-1GHz	30V/m
Fast transient burst test	4kV	
Protection	Class II	

Meter Dimension



Factory Price

- Three Phase = \$37

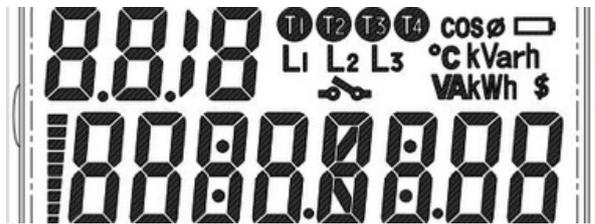
Meter Weight

- Three Phase - 1.153kg

Debt Collection

If you owe customers money from before the smart meter was installed, you can recover it by deducting a small percentage from each transaction. The system allows you to set the percentage and track the debt until it is fully collected.

Liquid Display



Data Storage

- * Cloud Storage
- * Local Server Storage (Per Client Request)

Compliance with Standard

- * ISO 9001; ISO 14001
- * STS Certificated

Application:

Counting the electricity consumption of users over a period of time.

Anti-Tamper Fuctions

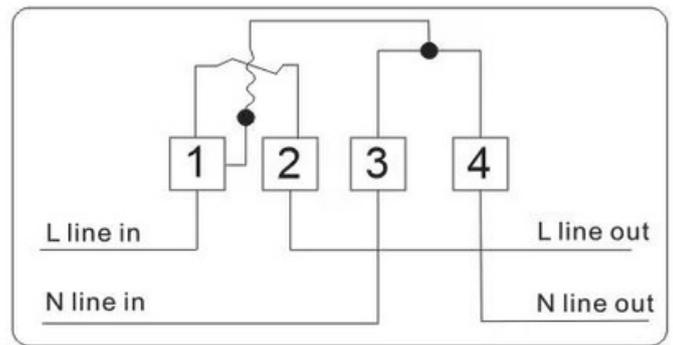
Meter relay will be cut off automatically after detection of magnetic field and open cover event.

Information Inquiry

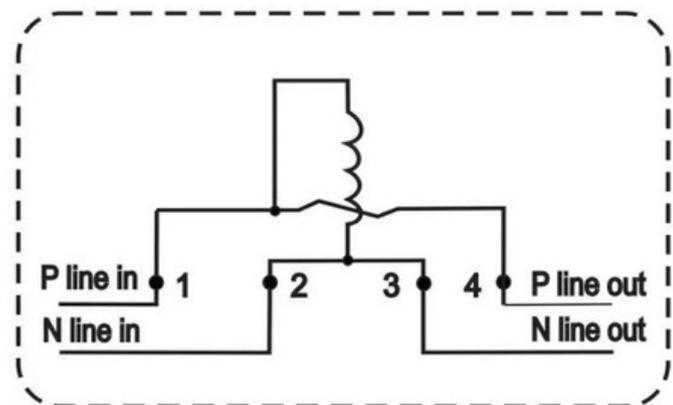
Consumer could check the data like Credit Remain, Total Purchased and Total Credit by inputting the short code.

Wiring Diagrams:

1. Sequential Wiring



2. Sequential Wiring



We Provide

- * Mobile Payment
- * USSD Service
- * Sms Service and Software