



UNITECH

POWERING SOLUTIONS. CONNECTING WORLDS.



SWITCHGEAR



TRANSFORMERS



CONTROL PANELS



GLOBAL EXPORTS

DIGITAL THREE PHASE ENERGY METER

ACCURATE. STABLE. RELIABLE.

Digital Three Phase Energy Meter is an advanced metering solution designed for accurate measurement of Active and Reactive Energy in three phase four wire systems. It supports real-time monitoring, communication and pulse output for smooth integration with PLC/SCADA systems.



CT & PT RATIO PROGRAMMABLE

User programmable CT and PT ratio for accurate measurement.



PASSWORD PROTECTED

Secure access with password protection to prevent unauthorized changes.



RS-485 MODBUS COMMUNICATION

Built-in RS-485 Modbus RTU communication for seamless integration with SCADA systems.



PULSE OUTPUT FOR PLC/SCADA

Pulse output for Active and Reactive Energy for easy interfacing with PLC/SCADA.



ACTIVE & REACTIVE ENERGY

Measures both Active Energy (kWh) and Reactive Energy (kVarh) with high accuracy.

APPLICATIONS



REAL TIME ENERGY MONITORING

Monitor and analyze energy consumption in real time for efficient management.



HVAC SYSTEMS

Track energy usage of HVAC systems for optimized performance and cost savings.



SOLAR & WIND POWER MONITORING

Ideal for monitoring energy generation and consumption in solar and wind power systems.



INDUSTRIAL & COMMERCIAL APPLICATIONS

Suitable for factories, commercial buildings, data centers and infrastructure projects.

TECHNICAL SPECIFICATIONS

	Product Name	Digital Three Phase Energy Meter		CT Ratio	Programmable (1 to 5000A)
	Input Voltage	230VAC (Phase to Neutral) 415VAC (Phase to Phase)		PT Ratio	Programmable (1 to 500kV)
	Input Current	Direct Measurement upto 9A per phase CT Operated (1 to 5000A)		Accuracy	±1% of Reading ±1 Digit (Active Energy) ±2% of Reading ±1 Digit (Reactive Energy)
	Phase	Three Phase, Four Wire		Communication	RS-485 Modbus RTU
	Measurement	Active Energy (kWh), Reactive Energy (kVarh)		Pulse Output	2 Pulse Outputs (kWh & kVarh)
	Display	7-Segment LED Display (6 Digit)		Auxiliary Power	45 ~ 270VAC/DC
				Mounting	Panel Mounted (96 x 96mm)



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