



Three Phase Smart Meter Regor



- Complying to IS 16444 Part 1
- Full smart functionality
- Communication options including optical, RF and GPRS
- Load connection/disconnection via relays in all phases
- Data logging for instantaneous, load survey, billing parameters and energy backups
- Tamper alerts available
- Event logging with active energy, voltage and current snaps available
- Power fail alerts (Last Gasp)

Specifications		Smart Features	
Connection	3 Phase 4 Wire	Alarms and alerts	Alarm/alert for power on/off, over voltage and over current
Standard Applicable	IS 16444 Part 1	Load control	Disconnection provided for: Over current and over load conditions For selected tampers Disconnection signal from utility
Accuracy Class	CI 1.0	Relay	Provided in all 3 phases complying to IS15884 with UC1/UC2/UC3; status available on display and data downloading; connection/disconnection are logged as events
Rated Voltage	3 x 240V (P-N)	Data security	Multi-level password for data reading and programming
Voltage Variation	-40% to +20%	Communication	Optical port for local communication with DLMS NAN over 865-867 MHz RF complying to IS 15959 Part 2 Inbuilt GPRS Modem
Current Rating	10-60 A 10-100 A	Prepayment	Prepaid function as per IS15959 Part 2 (optional)
Starting Current	0.2% of basic current		
Accuracy up to	120% of maximum current		
Frequency	50Hz		
Frequency Variation	-5% to +5%		
Power Consumption	As per IS 16444 Part 1		
Operating Temperature	-10°C to +55°C		
Ingress Protection	IP 51		
Supported parameters (As per customer requirement)			
Instantaneous	Phase wise voltages and currents, System PF, Active power, reactive power and apparent power Frequency		
Energy Measurement	4 quadrant measurement of kWh, kVArh, and kVAh		
Maximum Demand	kW and kVA along with date and time		
Time of Day	Up to 8 registers, profiles and seasons		
Display			
LCD	8 digit backlit display		
LCD Indicators	Indication for relay status and tampers		
Display mode	Auto scroll, push button and high resolution modes		
LED	Pulse LEDs for kWh and KVArh		

