



## Three Phase HTCT Meter

### ER300P



- Class 0.5S, 0.2S as per relevant IS and IEC Standards
- 3 Phase 4 Wire
- 4 Quadrant Measurement
- Anti-tamper features
- Self-diagnostic capability
- Bidirectional Energy recording
- Load Survey (Interval Data) features
- Optical port / RS 232 / RS 485 (optional)

Specifications		Display	
Connection	3 Phase 4 Wire	LCD	8 digit backlit display
Standards Applicable	IS 14697 IEC 62052-11 IEC 62053-22 CBIP 325	Display mode	Auto scroll, push button and high resolution modes
Accuracy Class	CI 0.5S / CI 0.2S	LED	Pulse LEDs for kWh and kVArh
Rated Voltage	3 x 63.5V (P-N)	Other Features	
Voltage Variation	-40% to +20%		Day wise energies
Current Rating	-/1A -/5A		Load survey profile
Starting Current	0.1% of basic current		Tariff wise energies
Accuracy up to	200% of basic current		Display and data reading in absence of power
Frequency	50Hz		Tamper detection
Frequency Variation	-5% to +5%		Bi-directional energy recording available
Power Consumption	As per IS 14697	Data security	Multi-level password for data reading and programming
Operating Temperature	-10°C to +55°C	Communication	Electrically isolated optical port as per IEC62056-21
Ingress Protection	IP 51	Optional communication Interface	RS 232 / RS 485
Supported parameters (As per customer requirement)		Protocol supported	IEC / DLMS / MODBUS / Customer specific
Instantaneous	Phase wise voltages and currents, system PF, active power, reactive power and apparent power Frequency Phase sequence Total harmonic distortion	Tamper proofing provision	Ultrasonic welding available (optional)
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		

