



## Single Phase Prepayment Meter TAURUS



- Complying to IS 15884
- Prepaid electricity distribution with simple numeric codes for recharge
- Current load cost and number of days left for usage shown on display
- Programmable friendly hours/days, holidays, slab/time-of-day tariff structure
- Load connection/disconnection via relays in phase and neutral
- Optional consumer interface unit (CIU) available with USB dongle for recharging
- Balance and consumption indication LEDs in CIU and meter
- Token transfer using NFC (optional)

Specifications		Prepaid Features	
Connection	1 Phase 2 Wire	Keypad	Encrypted STS based token entry using standard telephone keypad
Standards Applicable	IS 15884	Prepaid token features	Emergency credit; specific and non-reusable tokens; provision to program friendly hours/days, holidays; slab/time-of-day tariff structure
Accuracy Class	CI 1.0	Overload protection	Trip on over-drawal of current or exceeding sanctioned demand
Rated Voltage	230V / 240V (P-N)	Buzzer	For low credit and emergency credit
Voltage Variation	-40% to +20%	Communication	Optical port for local communication RS 485 port for connection of CIU (optional) NFC for token and data transfer(optional)
Current Rating	10-60 A	Relay	Provided in both phase and neutral complying to IS15884 with UC1/UC2
Starting Current	0.2% of basic current	DG supply sensing	Uses a signal of 24-440 V AC/DC
Accuracy up to	120% of maximum current	Consumer Interface Unit (optional)	Display of meter parameters and token entry; LEDs provided for power ON/OFF and credit status
Frequency	50Hz	Authenticated Code	Billing Provides details of cumulative kWh and available meter credit to utility
Frequency Variation	-5% to +5%		
Power Consumption	As per IS 15884		
Operating Temperature	-10°C to +55°C		
Ingress Protection	IP 51		
Supported parameters (As per customer requirement)			
Instantaneous	- Voltage - Phase and neutral current - Power factor - Active power, reactive power and apparent power - Frequency		
Energy Measurement	4 quadrant measurement of kWh and kVAh		
Maximum Demand	kW and kVA along with date and time		
Time of Day	Up to 8 registers		
Prepaid parameters	Tariff details (TOD/slab), fixed charges, minimum charges, other charges and applicable taxes Credit balance in INR		
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		

