



**ETI Power**

TOD Meter  
Multifunction Meter  
Power & Energy Meter

# Single / Dual Source Energy Meters

Panel Mounted/Wall Mounted

**1.0 Class Accuracy**



## Description

- Enertrak Provides a wide variety of energy management & monitoring devices. The provision of Dual Register makes it suitable for the growing demand of Dual Source Meter. The option of current limiting in DG Mode and AC/DC sensing mode of DG makes it one of the most preferable meters in the country

## Key Features

- Available in Single line LED, 2 line LED and 3 line Reverse STN LCD Models.
- Advance 32 Bit Microprocessor.
- RS-232/RS-485 MODBUS Communication
- Vrms & Irms based kWh metering
- Single & Dual Source
- CT operated Panel Mounted & Wall Mounted.
- Whole Current Wall Mounted Optional.
- On Site Current Limiting Features.
- Option latching relay provision to cut off the load directly without use of any contactor.
- Flashing LED for on site Calibration.
- Parameters and kWh values are stores even if supply voltage is cut off.
- Real Time Clock.
- Non-flammable enclosure.
- Password protection for setup.



INTERNATIONALLY  
\*\*\*\*\* RECOGNISED \*\*\*\*\*  
ACCREDITED



## Technical Specification

### ELECTRICAL CHARACTERISTICS

- Type of measurement : True RMS at 50 Hz
- Current and voltage : Class - 1.0
- Active Power : Class - 1.0 / Class - 0.5 accuracy
- Reactive Power : Class - 2.0 / Class - 1.0 accuracy
- Apparent Power : Class - 1.0 / Class - 0.5 accuracy
- Frequency : Class - 0.2 / Class - 0.1 accuracy
- Power factor : Class - 1.0
- Active Energy : Class - 1.0 / Class - 0.5 accuracy
- Reactive Energy : Class - 2.0 / Class - 1.0 accuracy
- Apparent Energy : Class - 1.0 / Class - 0.5 accuracy
- Demand Energy : 30 Min. Integration period

\* Additional error for meter input current below 100 mA

- Data update rate : 1 sec
- Input Voltage : V1, V2, V3, Vn
- Measured voltage : 80 - 480 V AC L-L without Pts  
Up to 999 kV with external Pts
- Permissible overload : 1.10 Un (480 V L-L)
- Burden : As per IS
- Impedance : As per IS
- Frequency range : 50Hz  $\pm$  5%
- Primary CT : 1 A - 99.0 kA
- Secondary CT : 1 A - 5 A
- Measurement range: 40 mA - 6 A
- Permissible overload: 6 A continuous
- Burden : As per IS
- Impedance : As per IS
- AC Power Supply : 100 - 277 V AC at 50 Hz
- DC Power Supply : 100 - 277 V DC

### MECHANICAL CHARACTERISTICS

- Weight : 0.500kg to 0.250kg (Shipping)
- IP degree of protection : Front: IP 51; Back: IP 40
- Dimensions : Bezel: 96 x 96 mm  
Depth: 65 mm behind bezel  
Panel cutout: 92 x 92 mm

### ENVIRONMENTAL CONDITIONS

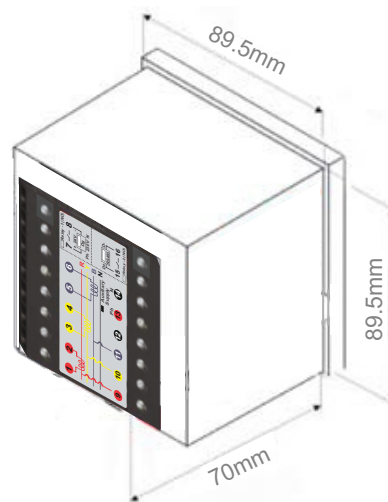
- Operating temperature : 4°C to 60°C
- Storage temperature : 4°C to 70°C
- Humidity rating : 5 to 60 % RH non-condensing

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### Communications

- RS-485 port : 2 terminals only
- Baud rate : 9600bps
- Protocols : Modbus

### Connections



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