

PRODUCT SELECTION GUIDE

Compact | Elegant | Accurate | Easy to use



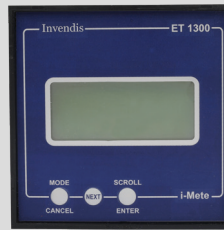
Multifunction Meters



Genset controller



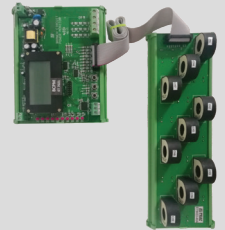
Demand monitoring & Controller



DC Meter



Appliance Energy Meter



BCPM & CT card

Product Overview

| Models | | Parameters | | | | | | Remarks | |
|--------------|----------|------------|---|---|------|-----|----------|---|--|
| Basic Meters | | | | | | | | | |
| SL No | Model No | V | A | F | RHrs | RPM | Mounting | | |
| 1 | ET2031 | ✓ | | | | | Panel | Single row LED display, Voltage L-N and L-L | |
| 2 | ET2033 | | ✓ | | | | Panel | Single row LED display | |
| 3 | ET2071 | ✓ | ✓ | ✓ | | | Panel | Three row LED display, Unbalance voltage | |
| 4 | ET2081 | ✓ | ✓ | ✓ | ✓ | ✓ | Panel | Three row LED display, Voltage L-N and L-L | |

| Models | | Parameters | | | | | | | | | | | Remarks | | | |
|-------------------------|---------------|------------|---|---|----|-----|------|----|-----|------|------|-------|----------|-------|--|--|
| Power and Energy Meters | | | | | | | | | | | | | | | | |
| SL No | Model No | V | A | F | kW | kVA | kVAh | PF | kWh | kVAh | kVAh | RS485 | Mounting | | | |
| 1 | ET3034 | | | | ✓ | | | ✓ | ✓ | | | | | Panel | | |
| 2 | ET3035 | | | | ✓ | ✓ | | ✓ | | | | | | Panel | | |
| 3 | ET4021 ET3021 | | | | ✓ | | | | ✓ | | | ✓ | Panel | | | |

| Models | | Parameters | | | | | | | | | | | Remarks | | | |
|---------------------------|---------------|------------|---|---|----|-----|------|----|--------|--------|------|------|---------|----------|----------------------------|--|
| Dual Source Energy Meters | | | | | | | | | | | | | | | | |
| SL No | Model No | V | A | F | kW | kVA | kVAh | PF | kWh-EB | kWh-DG | kVAh | kVAh | RS485 | Mounting | | |
| 1 | ET4031 ET3031 | | | | ✓ | | | | ✓ | ✓ | | | ✓ | Panel | with RS485 without RS485 | |
| 2 | ET4002 ET3002 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | Panel | with RS485 without RS485 | |

| Models | | Parameters | | | | | | | | | | | Remarks | | | |
|-----------------------------|---------------|------------|---|---|----|-----|------|----|-----|------|------|--------|---------|----------|---|--|
| Multi-function Meters (MFM) | | | | | | | | | | | | | | | | |
| SL No | Model No | V | A | F | kW | kVA | kVAh | PF | kWh | kVAh | kVAh | Run-Hr | RS485 | Mounting | | |
| 1 | ET4062 ET3062 | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | | | ✓ | ✓ | Panel | with RS485 without RS485 | |
| 2 | ET4001 ET3001 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | Panel | with RS485 without RS485 | |
| 3 | ET4000 ET3000 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | Panel | with RS485 without RS485, LCD Display | |

| Models | | Parameters | | | | | | | | | | | | | | Remarks | | | |
|---------------------------------|----------|------------|---|---|----|-----|------|----|-----|------|------|-------|------|------|------------|-----------|----------|---------------|--|
| Demand Monitoring & Controllers | | | | | | | | | | | | | | | | | | | |
| SL No | Model No | V | A | F | kW | kVA | kVAh | PF | kWh | kVAh | kVAh | RS485 | VTHD | ITHD | Max Demand | Relay out | Mounting | | |
| 1 | ET5001 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | Panel | LED Display | |
| 2 | ET6001 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Panel | 2/3 Relay out | |

| Models | | Parameters | | | | Remarks | |
|--|----------|------------|---|----|-----|--|--|
| Appliance Energy Meter (Single phase AC meter) | | | | | | | |
| SL No | Model No | V | A | kW | KWh | | |
| 1 | ET0054 | ✓ | ✓ | ✓ | ✓ | 15A socket with direct connect, Option to reset energy value | |

| Models | | Parameters | | | | | | | | | Remarks | |
|-------------------------|----------|------------|---|---|----|----|--------|--------|--------|---------|--|--|
| Genset Controller (ATS) | | | | | | | | | | | | |
| SL No | Model No | V | A | F | kW | PF | kWh-LD | Run-Hr | ON/OFF | Display | | |
| 1 | ET8000 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | LCD | Automatic transfer switching (EB ⇌ DG) | |

| Models | | Parameters | | | | | | Remarks |
|-----------|----------|------------|---|---|-----|----------|---------|--|
| DC Meters | | | | | | | | |
| SL No | Model No | V | A | W | kWh | Mounting | Display | |
| 1 | ET1111 | ✓ | | | | Panel | LED | |
| 2 | ET1113 | | ✓ | | | Panel | LED | |
| 3 | ET1300 | ✓ | ✓ | ✓ | ✓ | Panel | LCD | Shunt Programable : 4Current Channel, 1Voltage Channel |
| 4 | ET1641 | ✓ | ✓ | ✓ | ✓ | DIN rail | LCD | Hall Effect sensor: 4Current Channel, 1Voltage Channel |

| Models | | Parameters | | | | | | | | | | Remarks |
|--|----------|------------|---|---|----|-----|------|----|-----|-------|---------|--|
| Branch Circuit Power Monitoring (BCPM) | | | | | | | | | | | | |
| SL No | Model No | V | A | F | kW | kVA | kVAr | PF | kWh | RS485 | Display | |
| 1 | ET7021 | ✓ | ✓ | | ✓ | | | ✓ | ✓ | ✓ | LED | 9 Channel Single phase, DIN mount,LCD display |
| 2 | ET7022 | ✓ | ✓ | | ✓ | | | ✓ | ✓ | ✓ | LED | 9 Channel Three phase, DIN mount,LCD display |
| 3 | ET7023 | ✓ | ✓ | | ✓ | | | ✓ | ✓ | ✓ | LCD | 18 Channel Single phase, DIN mount,LCD display |
| 4 | ET7024 | ✓ | ✓ | | ✓ | | | ✓ | ✓ | ✓ | LCD | 18 Channel Three phase, DIN mount,LCD display |

Note: CT cards are available based on current ratings of 20A, 30A, 40A, 60A, 100A with an option for DIN mount. (ET9431 to ET9435)

| Models | | Parameters | | | | Remarks |
|--|----------|-----------------------|--------------|---------------|------------------|-------------------------------|
| ACCL (Auto Changeover and Current Limiter) | | | | | | |
| SL No | Model No | Rated Current in Amps | No of Phase | Tripping type | Dimensions in mm | |
| 1 | ET7505 | 25 | Single | Relay | DIN | Relay based with display |
| 2 | ET7505 | 32 | Single | Relay | DIN | Relay based with display |
| 3 | ET7501 | 40 | Single/Three | Contactora | 155x200x155 | Contactora based with display |
| 4 | ET7501 | 63 | Single/Three | Contactora | 155x200x155 | Contactora based with display |

TECHNICAL SPECIFICATIONS

| | | | |
|----------------|---|--------------|---|
| Configuration | : 3 Phase, 3 Element; 3 / 4 Wire | Volts/Amp | : Autoscaling depending on input |
| Input Voltage | : Field Programmable on Primary and Secondary | Frequency | : 0.1 Hz |
| Nominal | : 415 V LT or 10 V through PT(line to line) | Power | : Autoscaling depending on input |
| Range | : 50% to 120% of Nominal | Power Factor | : 0.01 |
| Input Current | : Factory Set | Aux Supply | : 85 - 270 V AC or DC |
| Nominal | : 5 A or 1 A through CT | Burden | : 0.1 VA typical per Voltage / Current input, 2 V typical on Aux. Supply |
| Range | : 1% to 120% of Nominal | Ambient | : Temp. 0-50 deg C, RH < 95% non-condensing |
| Input PF Range | : 0.5 Lag to Unity to 0.5 Lead | Weight | : 400 gm |
| Computation | : True RMS for all Power & Energy Parameters | Dimensions | : 96 x 96 mm (Bezel), x 52 mm |
| Accuracy | : Class 1.0(.../5A) : ± (0.5% of FS + 0.5% of Rdg + 1 digit) : ± 0.2% for Frequency : ± 1.0% of FS for Current | Panel Cutout | : (90+1-0) mm x (90+1-0) mm |
| Display | : 3 Simultaneous displays of 3 digit, 12.5 mm, 7 segment, Super-bright LEDs or LCD | Mounting | : Slide and Lock clamp |
| Isolation | : 2000 V AC for one minute | Warranty | : 15 months from the date of manufacturing OR 12 months from date of sale, whichever is earlier |
| Safety | : Measurement Category III, Pollution Degree 2 as per EN61010-1 First Edition | | |

(All meters are password protected)

Note: Product Specifications are subject to change without prior notice



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