

# DUAL SOURCE ENERGY METER

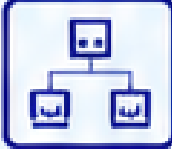
## EB & DG ENERGY MONITORING

The Dual Source Energy Meter is designed for real time monitoring of energy from two sources (EB and DG). With high accuracy, programmable CT ratio, multiple display options and optional communication, it is the ideal solution for commercial and industrial applications.



SIZE: 96 x 96 mm

### SALIENT FEATURES

|                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| <b>DUAL SOURCE MONITORING</b>                                                       | <b>SINGLE PHASE &amp; THREE PHASE</b>                                               | <b>LED / LCD DISPLAY OPTIONS</b>                                                    | <b>CT RATIO PROGRAMMABLE</b>                                                          | <b>COMMUNICATION &amp; PULSE OUTPUT</b>                                               | <b>HIGH ACCURACY</b>                                                                  |
| Monitors energy from EB (Main) and DG (Generator) sources.                          | Suitable for Single phase 2-wire/3-wire and Three phase 3-wire/4-wire systems.      | Available with 2 Line 7-Segment LED or Large LCD display.                           | CT ratio programmable up to 5000 for flexible field configuration.                    | RS 485 communication and pulse output (optional).                                     | High accuracy measurement for efficient energy management.                            |

### APPLICATIONS

|                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
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| <b>COMMERCIAL &amp; INDUSTRIAL PANELS</b>                                           | <b>ENERGY MANAGEMENT</b>                                                             | <b>DUAL POWER SYSTEMS</b>                                                             |
| Ideal for real time energy monitoring in commercial and industrial installations.   | Helps in effective monitoring and optimization of energy usage.                      | Perfect for applications with EB-DG auto changeover systems.                          |

### TECHNICAL SPECIFICATIONS

|                                                                                     |                          |                                          |
|-------------------------------------------------------------------------------------|--------------------------|------------------------------------------|
|  | Product Name             | Dual Source Energy Meter (EB & DG)       |
|  | System                   | Single Phase & Three Phase               |
|  | Display Options          | 2 Line 7-Segment LED / Large LCD Display |
|  | CT Ratio                 | Programmable (1 to 5000)                 |
|  | Auxiliary Power          | 85 – 270V AC/DC                          |
|  | Accuracy                 | ±1% of Reading ±1 Digit                  |
|  | Communication (Optional) | RS 485 Modbus RTU                        |
|  | Pulse Output (Optional)  | 2 Pulse Output (EB & DG)                 |
|  | Mounting                 | Panel Mount                              |
|  | Size                     | 96 x 96 mm                               |
|  | Protection               | Front IP54                               |

### DISPLAY OPTIONS

#### 2 LINE LED DISPLAY



- 2 Line 7-Segment LED Display
- EB Energy (kWh) – Top Line
- DG Energy (kWh) – Bottom Line
- Run Hour, Old, Rev, Intr. Indications

#### LARGE LCD DISPLAY



- Large Backlit LCD Display
- Multi-Parameter Monitoring
- EB & DG Energy, Voltage, Current, Power, PF, Frequency, Run Hour etc.
- Easy Navigation with Front Keys



REAL TIME  
ENERGY MONITORING



RELIABLE &  
ACCURATE



EASY TO INSTALL  
& CONFIGURE



IDEAL FOR COMMERCIAL  
& INDUSTRIAL USE