

## Emlite CT Three phase electricity meter

The Emlite is a three phase electricity meter supplied in a CT enabled version.

Two-way communications enable different registers to be collected from the meter. Energy data is transmitted via direct connection for data verification for suppliers and data collectors/aggregators and integration into third party aM&T systems. The meter can also be used for three-phase solar PV installations.

The data gathered can be analysed on Orsis Energize by the end user to understand energy consumption levels and manage their fiscal and environmental costs. The Emlite is suitable for measuring both generation and exported data from solar PV systems. Meter readings can be submitted for feed-in tariff collection.



## Features

- ✓ MID Approved
- ✓ Internal clock and calendar with battery backup
- ✓ Comprehensive tariff structure
- ✓ Comprehensive security data
- ✓ Display of external meter information
- ✓ Large digit (9.8mm register digits) Liquid Crystal Display
- ✓ CT operated

**Ready to get started?**

Start your journey today

### Orsis

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| Technical Information                                    |                                             |
|----------------------------------------------------------|---------------------------------------------|
| kWh Class 2 (EN 62063-21) Wh Class A or B (EC Directive) | CT Programming                              |
| 2004/22/EC (MID)) kVArh Class 2                          | Phase failure A, B, C                       |
| 10 years calibration                                     | Power Fail                                  |
| IP54 in accordance with IEC 60529:1989                   | Reverse Run Energy                          |
| IEC 62053-31 optical communications                      | Per Phase Reverse Run A, B, C               |
| 8 time-of-use (TOU) Registers                            | Billing Count                               |
| 4 Maximum Demand Registers                               | Terminal Cover Removal                      |
| 40 Switching Times                                       | Remaining Battery Life                      |
| 4 Seasons                                                | In Service Hours                            |
| 2 Rate Time Switches                                     | Active Scheme CRC                           |
| 13 End of Billing Dates                                  | Scheme ID                                   |
| Independent Day Control                                  | Error Flag                                  |
| Daylight Saving                                          | Main Cover Removal                          |
| Deferred Tariff                                          | Watchdog Count                              |
| Tariff Scheme CRC                                        | Dimensions 200mm (H) x 170mm (W) x 65mm (D) |
| Programming (with user id)                               | Weight 1500 grams                           |

The meter offers extensive security logs which include programming and user IDs.

Further security can be provided as an option with terminal cover and main cover removal detection. As an alternative, the latter detection switch can be used to allow the CT ratio to be changed.

A count of the number of each event is recorded. A time and date stamp of the three most recent events together with the source is recorded. The count, time and date of the most recent event can be included in the display sequence.