

eCredit SINGLE PHASE 2 WIRE METER EM101- 1



Residential Application, (Low Voltage)

INTRODUCTION

This is a single phase, two wire static energy Credit smart meter of accuracy class 1.0 with ISI marking.

Designed and manufactured with extreme tropical conditions in mind, this meter withstands and operates satisfactorily without loss of accuracy under most tropical climatic conditions (High temperatures, excessive humidity, dust, and salt laden corrosive atmosphere). It is dust and Vermin proof with parts and surfaces which are subjected to corrosion are provided with Protective coating.

The meter is capable of recording energy and voltages at 30-minute integration period for a minimum of 100 days for at least 2 channels of 1-phase meters FIFO.

Access to the meter is through an optical port which can be used for local meter reading or writing purpose. The meter offers communication speeds up to 9600 baud rate on the optical port.

There is 7-Segment LCD display, having minimum character height of 8.5mm (6 complete digit & 1 legend digit) (1PH). Backlit LCD with provision for parameter identification.

Capable of displaying Firmware Version, Current cumulative kWh, Last Month kWh, Tamper Count, Current month MD in (KW), among a host of others. The display of various parameters continuously scrolling one after another with a display 'ON' time of at least 5 sec. for each measured value for auto display cycling. Single Phase Forward energy for every 30min.

STANDARDS

- IEC 60060
- IS 13779
- IEC 60387
- IEC 62058-11
- IEC 60529
- IEC 62053-21
- IEC 60068
- IEC 62056-52



Cut-Off Relay



Tampers



Battery



Optical