EVERON

Operating Manual

Introduction:

This operating Manual is applicable for Low Cost Solar / DC Energy Meters which are self powered and do not have data logging features. The models covered under this document are

EV-DSL-01D, Measurement range is 20 V to 300 V, 0 – 40 A

EV-DSL-01ED, Measurement Range is 20 – 400 V, 0 – 40 A

EV-DSL-01LD, Measurement Range is 8 – 60 V, 0 – 40 A

The Displayed parameters on the LCD Display are Voltage, Current, Wattage, KWH(CC), KWH(PC), KWH(TC). DSL-01 range belongs to source powered meters and therefore their measurement ranges are based on the input voltage/ PV Ratings. This series of meters have a 2 x 16 character LCD Display which displays following parameters: All the Models have measurement accuracy of +/-1% of FSD +/- 1 Digit.

Voltage, Current, Wattage and cumulative KWH. KWH readings are further divided in three sub-sets of CC, PC and TC, explained as follows.

CC means Current Count. This count is set to Zero upon a sudden power interruption of at the time of sunset if connected with solar panels.

PC means Previous Count. This count is added every time upon sudden power interruption or when the solar PV wattage falls, as in case of sunset. In a solar installation, Everyday morning CC Count is set to zero and CC count is added into PC.

TC means Total Count. This count is the sum total of Current Count and Previous Count.

The Displayed parameters on the LCD Display are Voltage, Current, Wattage, KWH(CC), KWH(PC), KWH(TC).

Mounting Arrangement: Meter has been provided with a wall Mounting Key arrangement.

Installation: Meter installation diagram is printed on the from bezel of meter. Please take care of DC Voltage Polarity while installation.

Reset Feature: KWH reset feature has been provided. Press the reset button before applying dc voltage to the meter. All KWH counts shall be set to zero.

Service Support: In case of service support, please write to everondelhi@gmail.com or service@everon.in You may also call us on 011-41715550.

Designed Developed and Manufactured By: EVERON ENERGY SYSTEMS PVT. LTD. NEW DELHI, INDIA.

We have other Models with built-in Data Logger and IOT Remote Monitoring.