

EVERON ENERGY SYSTEMS PVT. LTD.

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EVERON DC ENERGY METER MODEL DSL-02**MODEL – EV-DSL-02**

Everon DC Energy Meter EV-DSL-02 is an intelligent DC Energy Meter, suiting requirements of variety of Solar Energy applications. EV-DSL-02 is a single channel, micro-controller based system for accurate measurements of DC Voltage, DC Current, Load KW and cumulative KWH count. KWH measurements are indicated in three separate registers.

Salient Features:

- KWH measurement resolution is 0.001 KWH
- KWH measured and logged as Previous Count (PC), Current Count (CC) and Total Count (TC)
- Analyze Solar Plant Generation with complete clarity.
- Precise Current and Voltage Measurement.
- Built-in Real Time Clock and Memory. Data Download through simple commands on Serial Port.

SPECIFICATIONS

VOLTAGE MEASUREMENT	-	30 V TO 70 V DC*, 20 V to 300 V** (0-900 V battery operated)
CURRENT MEASUREMENT	-	0 – 40 A (Range Expansion up to 1000 A with Hall Sensor)
DISPLAY FEATURES	-	TWO LINE ALPHANUMERIC DISPLAY
DISPLAY PARAMETERS	-	VOLTAGE, CURRENT, WATTAGE, KWH (TC), (PC) OR (CC)
MEMORY FEATURES	-	VOLTAGE, CURRENT, WATTAGE AND KWH VALUES WITH REAL TIME
MEMORY RETENTION LIMIT	-	5 YEARS UPTO 3000 VALUES.
MEASUREMENT ACCURACY	-	+/- 1% OF FSD + +/- 1 DIGIT
OPERATING TEMPERATURE	-	0 DEG C TO 50 DEG C
REAL TIME CLOCK	-	USER PROGRAMMABLE / SETTABLE
PROGRAMMABLE FEATURES	-	REAL TIME, UPDATION FREQUENCY, INSTANT DATA / LOGGED DATA
TERMINATIONS	-	TERMINAL BLOCKS FOR INPUT AND OUTPUT TERMINATION.
SERIAL PORT	-	RS232 PORT FOR PROGRAMMING AND DATA DOWNLOAD.
DATA DOWNLOAD	-	RECALL ALL STORED DATA ALONG WITH TIME STAMP OR
INSTANTANEOUS		DATA DISPLAY
POWER SUPPLY	-	POWERED BY INTERNAL LITHIUM ION BATTERY.
BATTERY CHARGING	-	ADAPTER FOR CHARGING SUPPLIED AS A STANDARD ACCESSORY.
INTERFACE WITH PC	-	USB CABLE SUPPLIED AS A STANDARD ACCESSORY.
DIMENSIONS	-	130 MM X 208 MM
OPTIONAL		

** Windows Driver software and Communication Software downloadable from website www.everon.in