

SPECIFICATIONS OF 4 CHANNEL DC ENERGY METER



Communication Parameters

Serial Port settings

Protocol: Modbus RTU

Baud Rate: 9600

Parity: None

Unit ID:1 to 247 (Programmable)

1. Input: Voltage: 48V DC (30V to 70 V DC)
2. Input: Shunt mV: 10mV to 200mV programmable
3. Shunt Current: 1A to 9999A Programmable.
4. Auxiliary Power Supply: 30 V to 70 V DC
5. Measurement: 4 Channel DC KWHr, Current, kW and Voltage
6. Accuracy: $\pm 0.5\%$ of FSD (5 % to 100 % Current range)
7. Resolution: 0.1 KWH
8. RS 485: 3-wire communication port with MODBUS protocol (RTU Mode)
9. Power Consumption: < 2 Watt at 30 to 60V DC
10. Calibration: Soft Calibration through Software with Password protection
11. Password for editing of settings.
12. Operating Temperature: 0 °C to 55 ° C
13. Relative humidity: 55% to 85%.
14. Dimensions: 96mm x 96mm x 60 mm
15. Housing: ABS Heat resistant grade