

SOLAR DC SENTINEL



ALERT (sample)

- Row 1: 384V, 7.5A, 2.88 KW, 288 KWH
- Row 2: 383V, 7.5A, 2.87 KW, 287 KWH
- Row 3: 382V, 7.2A, 2.75 KW, 275 KWH
- Row 4: 381V, 7.2A, 2.74 KW, 274 KWH
- Row 5:
- Row 6:
- Row 7:
- Row 8:

the above illustrates that up to 8 outputs can be read in your solar array or via your web-based software.

Specification for the DCZ-8

- Amperage: 0 to 10 amps Voltage: 0 to 600 volts DC
- Enclosure size: 12 inches by 12 inches by 6 inches deep
- Communication either wireless or MODBUS RTU
- Output values: Volts amps kw and kwh.
- Real time clock
- Data logging energy: 45 days of one-minute profiles.
- Solar powered back up at present will only communicate when solar energy is present.
- 20 character four-line display that functionally will display information on each of 8 solar series connections.
- Input and output with two wires through a four wire plug in 600-volt connector



Overview: This is an 8-channel single meter module that will accurately meter DC loads from 0 to 600 volts and 0 to 10 amps of current. The meter display and the MODBUS and wireless interface are Internet ready to remotely display the values of the solar array to the individual circuit level. This product will graph and chart the energy generated and will provide comparisons and differences between different circuits monitored. The system has been designed with a geo spatial software to colour code efficiently and alerts at first glance. For most solar installations this cost would be within the range of 1% of the cost of the equipment is monitoring.