



Rx Monitoring Services, Inc.

DCw



The DCw is a voltage and current monitoring device designed with commissioning agents requirements.

The device continuously streams wired or wireless, these values include

DC Voltage

DC Current

AC Voltage

AC Current

Watts

Voltage and Current Ripple%

General Specifications:

- True RMS sampling @ 4kHz input frequency
- On Board LED to give connection status
- Wired (ethernet) or Wireless stream to Cx Monitor
- Temperature compensated gain increases accuracy across large temperature variations
- CAT III 600V
- Power Requirements: 24V DC 3W

Additional Product Information:

- Individual log file created for each probe & channel
- Log rate of 4 Second to 30 minutes (1 second sample rate)
- Over 100 probes per monitor, mix and match probe types
- Range: Wireless Indoor up to 100 ft
- Line of Sight up to 1 mile
- Hanging kit for easy placement
- "Notes Feature" ideal for identifying and tracking of probes location. (Faster reporting of data)
- Re-calibrated on 6 month interval to ensure low drift
- Dimensions: 8" x 3" x 1.5" (L/H/W)

Readings:

DC Voltage 1-600Vdc:

Accuracy: 0.01% (+/- 5mV)

DC Current @ 2000A:

Accuracy: 0.01% (+/- 100mA)

DC Current @ 4000A:

Accuracy: 0.01% (+/- 200mA)

AC Voltage 1-480Vrms @ 60hz:

Accuracy: 0.1% (+/- 10mV)

AC Current 2000A @ 60hz:

Accuracy: 0.1% (+/- 100mA)

AC Current 4000A @ 60hz:

Accuracy: 0.1% (+/- 200mA)

Watt:

Accuracy: 0.1% (+/- 1W)

Accuracy stated @ 72°F : Temp error compensated and not to exceed stated accuracy from 50°F - 120°F ambient

