

DC Peripherals for Cx Plus & Cx Monitor

OVERVIEW

DC peripherals are designed specifically for commissioning UPS systems while using the Cx Plus or Cx Monitor, by Rx Monitoring Services, Inc.

- All peripherals read back to the power monitor wirelessly
- Can be used while the monitor is being used to monitor AC power quality, or as a standalone device
- Reduces the amount of different test equipment (and training on that equipment) required
- Reports are still written for all data through a single software platform (U-View)
 - Again, meaning less software required and less training on different types of software

GENERAL SPECIFICATIONS FOR WIRELESS PERIPHERALS

- Individual log file created for each probe & channel
- Programmable log rate of 4 seconds 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
- “Notes Feature” ideal for identifying and tracking of probes location. (Faster reporting of data)
- Re-calibrated on 6 month interval to ensure low drift

DCx VOLTAGE PROBE

- 10 Channel (monitors 10 cells per DCx)
- +/- 60 Vdc
- Accuracy: +/- 0.1%
- Noise: +/- 2mV
- TC = 1.63ppm/°F
- 1 sample per second min
- 4 readings per log entry {Min, Max, Avg}
- Operating temperature: 0°C to 40°C (32F-104F)
- Operating humidity: 80% Max - Non-Condensing
- Conforms to CAT II 150V
- Powered from 2x AA batteries or 12V wall supply
- AA batteries last from 14 days (4 Second log rate) to 50 days (5 minute log rate)
- Backing kit for easy placement
- Dimensions: 10.5" x 5.5" x 2.5" (L/H/W)



DCw VOLTAGE AND CURRENT MONITORING DEVICE

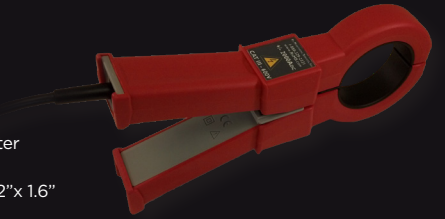
- Continuously streams: DC Voltage, DC Current, AC Voltage, AC Current, Watts, Voltage and Current Ripple %

DCw SPECIFICATIONS

- True RMS sampling @ 4kHz input frequency
- Onboard 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
- Dimensions: 8" x 3" x 1.5" (L/H/W)

2000A DC CLAMP:

Clamp opening dimensions: 2" diameter
Overall clamp dimensions: 8.39"x 4.2"x 1.6"



4000A DC CLAMP

Clamp opening dimensions: 4.5"x 2.5"
Overall clamp dimensions: 13.23"x 5.4"x 2.0"



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)

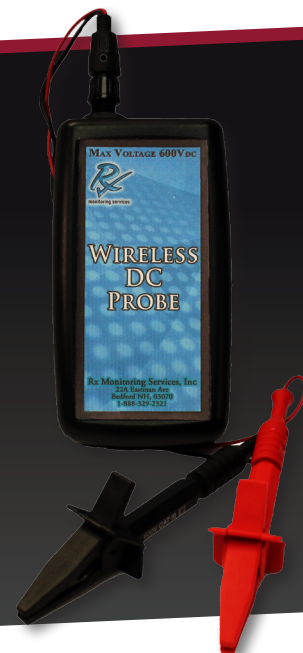
AC CURRENT 4000A @ 60HZ: Accuracy: 0.1% (+/- 200mA)

WATT: Accuracy: 0.1% (+/- 1W)



DC1 BATTERY POWERED WIRELESS PROBE DC PROBE SPECIFICATIONS

- Auto Ranging
- +/- 24Vdc Resolution: 0.001 V
- Accuracy: +/- 0.5%
- +/- 600Vdc resolution: 0.005 V
- Accuracy: +/- 0.5%
- 1 sample per second min
- 4 readings per log entry {Min, Max, Avg}
- Battery life between 20wks - 50wks dependent on log rate
- Magnetic backing for easy placement
- Dimensions: 3" x 4.5" x 1.5" (L/H/W)



kWick Power Rentals, P.O. Box 358, Mamaroneck, NY 10543
P. (877) 383.4040 E. rent@kwickequip.com

