

Cadex Load Capture Unit (LCU)



DONT LET A BATTERY STOP YOU

An Companion for C8000

Part Number: 11-308-0011

- Captures load signatures of up to 100A and digitizes the information for replay in the C8000



COMPATIBLE CADEX PRODUCT

C8000
Advanced
Battery Analyzer
Part# 11-308-0000



DATA ACQUISITION

- **Minimum Sample Rate Increment:** 500 microseconds
- **# of Samples:** 10-500

INPUTS/OUTPUTS

- **Digital I/O** [Pin 1-4]: Digital 2, Digital 3, Digital 4, Ground
- **Analog Outputs** [Pin 1-4]: Analog Out 2, Analog Out 1, (+) 5V (100 mA), Ground
- **Analog Inputs** [Pin 1-4]: Analog Input 4 (+), Analog Input 4 (-), Reserved, Ground

ELECTRICAL SPECIFICATIONS

- **Buss-bar Current:**
 - 0-10A (2% of full scale, ripple: 20mA)
 - 0-100A (2% of full scale, ripple: 50mA)
- **External Current Clamp:** 0-400A (1% of full scale, ripple: 500mA)
- **Voltage Input Terminals:** 500mV-48V (2% of scale, ripple: 20mV)
- **Capture Frequency:** DC to 250 Hz
- **Thermal Couple:**
 - Supports K-type
 - $\pm 2^\circ$ C plus Thermal couple accuracy

WARRANTY

- **Standard:** 1 year limited warranty (materials & workmanship)

PHYSICAL SPECIFICATIONS

- **Dimensions:**
 - Including clamps: 244mm x 140mm x 51mm (9.6" x 5.5" x 2.0")
 - Without clamps: 244mm x 104mm x 51mm (9.6" x 4.1" x 2.0")
- **Weight:** 577 g (1.3 lb)
- **Mounting Options:** Desktop or 19" (483mm) 3U Rack-mount (optional accessory)

ENVIRONMENT SPECIFICATIONS

- **Recommended Operating Temperature:** 5°C to 35°C (40°F to 95°F)
- **Recommended Storage Temperature:** -20°C to 70°C (-4°F to 160°F)

CERTIFICATION

- **Environmental:** RoHS, WEEE

ANALYZERS

CHARGERS

TESTERS

BATTERY PACKS

CUSTOM SOLUTIONS