


CADEX LOAD CAPTURE UNIT TECHNICAL SPECIFICATIONS

Physical	
Dimensions 	244mm x 140mm x 51mm (9.6" x 5.5" x 2.0") including clamps 244mm x 104mm x 51mm (9.6" x 4.1" x 2.0") without clamps
Weight	577 g (1.3 lb)
Mounting Options	Desktop or 19" (483mm) 3U Rack-mount (optional accessory)
Digital Input/Output	Digital 2 Digital 3 Digital 4 Ground
Analog Output	Analog Out 1 Analog Out 2 (+) 5V (100 mA) Ground
Analog Input	Analog Input 4 (-) Analog Input 4 (+) Reserved Ground
Environment	
Recommended Operating Temperature	<ul style="list-style-type: none"> • 5°C-35°C (40°F-95°F)
Recommended Storage Temperature	<ul style="list-style-type: none"> • -20°C-70°C (-4°F-160°F)
Electrical	
Buss-bar Current	<ul style="list-style-type: none"> • 0-10A (2% of full scale, ripple: 20mA) • 0-100A (2% of full scale, ripple: 50mA)
External Current Clamp	<ul style="list-style-type: none"> • 0-400A (1% of full scale, ripple: 500mA)
Voltage Input Terminals	<ul style="list-style-type: none"> • 500mV-48V (2% of scale, ripple: 20mV)
Capture Frequency	<ul style="list-style-type: none"> • DC to 250 Hz
Thermal Couple	<ul style="list-style-type: none"> • Supports K-type • ± 2° C plus Thermal couple accuracy
Data Acquisition	
Load Capture	<ul style="list-style-type: none"> • Minimum Sample Rate Increment = 500 microseconds • # of Samples = 10-500
Certification	
Environmental	<ul style="list-style-type: none"> • RoHS, WEEE
Warranty	
Standard	<ul style="list-style-type: none"> • 1 year limited warranty (materials & workmanship)