



Universal Conditioning Chargers



The reliability and longevity of a battery hinges on the quality of the charger. Disasters, emergencies, and power outages can compromise your communication and critical equipment.

Cadex UCC chargers keep your fleet running and will provide longer lasting, better performing batteries.

ADVANCED CHARGER FEATURES

Recondition:

NiCD and NiMH

Batteries need periodic full discharges to reverse memory and regain lost performance

Calibrate:

Li-ion

Smart batteries require a careful discharge to properly calibrate the fuel gauge

Reactivate:

Li-ion

Boost charges are applied to over-discharged batteries to wake up seemingly dead batteries



CHARGE ANYTIME, ANYWHERE

Easy Vehicle Installation for Mobile Charging



The UCC2 can connect directly to the vehicle's 12-volt system and is shock and vibration resistant.

ADAPT TO ANY CLIMATE

Built-in Temperature Detection Protects Your Batteries



The UCC Series use advanced charge techniques to provide a complete and safe charge even under adverse conditions.

INTELLIGENT BATTERY ADAPTERS

Compatibility with Your Current and Future Equipment



The Cadex UCC Battery Adapters offer a convenient interface to various battery types.



"We did market research and the Cadex product best met our needs. We found this was the most intelligent product on the market."
- Wayne Young, Ottawa Carleton Regional Police, Canada

www.cadex.com



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Product Specifications

	Cadex UCC1	Cadex UCC2	Cadex UCC6
Battery bays	Serves one battery. One adapter required.	Simultaneous service of two batteries. Two adapters required.	Simultaneous service of six batteries. Six adapters required.
Battery types	Services nickel-cadmium, nickel-metal-hydride, lithium-ion side-by-side.		
Battery interface	Factory installed adapters; code in adapter configures each bay to the correct battery type; services nickel and lithium-based batteries on same platform. Battery adapters must be ordered separately. Custom adapters are available on request.		
Voltage range	3 to 12 nickel-based cells (3.6-14.4V); 1 to 4 lithium-based cells (3.6-14.4V)		
Battery size	700 mAh to 8 Ah		
Charge time	Nickel-based chemistries: 90 minutes; longer on larger batteries Lithium-based chemistries: 3h; longer on larger batteries		
Discharge power	3.5 watts maximum per bay, conditions and calibrates battery		
Discharge time	2-3 hours based on battery size		
Electrical	60W external AC power supply (90-250 VAC, 47-63 Hz)	12VDC (10.5-15VDC) or optional 60W external AC power supply. (90-250 VAC, 47-63 Hz)	Internal 100W power supply; detachable power cord (90-250 VAC, 47-63 Hz)
Approvals	Meets SAE J1455 automotive standards. Compliant to MIL-STD 810D-E for shock and vibration Tested and approved by ITS to comply with CSA C22.2 No. 950-95, UL 1950 and EN60950: 2000 international safety standards. Compliance with FCC part 15, Class A, EN55022 Level A, EN50082-1: 1997 and is CE marked.		
Environmental	Operating 5C to 40°C (41 to 104°F); Storage -40 to 85°C (-40 to 185°F)		
Physical	Length: 242 mm (9.5") Width: 102 mm (4.0") Height: 62 mm (2.44") Weight: 0.4 kg (0.88 lb)	Length: 242 mm (9.5") Width: 165 mm (6.5") Height: 62mm (2.44") Weight: 0.7 kg (1.54 lb)	Length: 242 mm (9.5") Width: 445 mm (17.5") Height: 89 mm (2.44") Weight: 3.25 kg (7.16 lb)
Mounting	Tabletop and wall mount	Tabletop, wall and vehicle mounting; bracket extra	Tabletop and wall mount bracket extra
Warranty	Cadex warrants the analyzer against defective materials and workmanship for a period of one (1) year from the original purchase date.		
Part Numbers	11-300-0110	AC version 11-300-0200 Vehicular version 11-300-0210	11-300-0600



Customer Satisfaction

When purchasing a Cadex product, you are assured of advanced design, superior quality and competitive pricing. The award-winning products are built with one goal in mind - to make batteries run longer. For the last 30 years, the name Cadex has been synonymous with innovative design, dedication to quality and excellent customer support.

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