



# 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](http://www.cadex.com)



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## Product Specifications

	<b>Cadex UCC1</b>	<b>Cadex UCC2</b>	<b>Cadex UCC6</b>
<b>Battery bays</b>	Serves one battery. One adapter required.	Simultaneous service of two batteries. Two adapters required.	Simultaneous service of six batteries. Six adapters required.
<b>Battery types</b>	Services nickel-cadmium, nickel-metal-hydride, lithium-ion side-by-side.		
<b>Battery interface</b>	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.		
<b>Voltage range</b>	3 to 12 nickel-based cells (3.6-14.4V); 1 to 4 lithium-based cells (3.6-14.4V)		
<b>Battery size</b>	700 mAh to 8 Ah		
<b>Charge time</b>	Nickel-based chemistries: 90 minutes; longer on larger batteries Lithium-based chemistries: 3h; longer on larger batteries		
<b>Discharge power</b>	3.5 watts maximum per bay, conditions and calibrates battery		
<b>Discharge time</b>	2-3 hours based on battery size		
<b>Electrical</b>	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)
<b>Approvals</b>	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.		
<b>Environmental</b>	Operating 5C to 40°C (41 to 104°F); Storage -40 to 85°C (-40 to 185°F)		
<b>Physical</b>	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)
<b>Mounting</b>	Tabletop and wall mount	Tabletop, wall and vehicle mounting; bracket extra	Tabletop and wall mount bracket extra
<b>Warranty</b>	Cadex warrants the analyzer against defective materials and workmanship for a period of one (1) year from the original purchase date.		
<b>Part Numbers</b>	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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*World leader in quality and innovation for power systems*

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