

# XC Xtreme Recovery Charger

## 20-Amp Shop Charger Built to Recover Batteries

- Recovers deeply sulfated batteries
- Innovative “In Case” clamp, cable and power cord storage
- Heavy-duty, replaceable battery cable
- Ideal for larger 12-Volt batteries including group 31, 4-D and 8-D
- Software optimized for battery recovery

If you service vehicles and equipment with larger, expensive batteries, you need the state-of-the-art Xtreme Recovery charger. Finally it's possible to recover heavily discharged and sulfated batteries you may think are dead or useless! Avoid premature replacement costs and save money by making your existing batteries last longer and perform more efficiently.

Self-enclosed in a convenient, water-resistant, heavy-duty case, this 5-Stage battery charger first interrogates the battery prior to charging and immediately lets you know if you have a bad battery.

Next, the patented, microprocessor controlled circuitry monitors and adjusts the charging current to allow the battery to reach its optimum bulk or float charge rate based on the voltage and amperage acceptance of the battery.

During the Bulk, Saturation and Float stages, the Xtreme Recovery introduces a high frequency pulse mode to remove sulfate deposits from the battery's plates, increasing the battery's ability to accept, store and release energy.

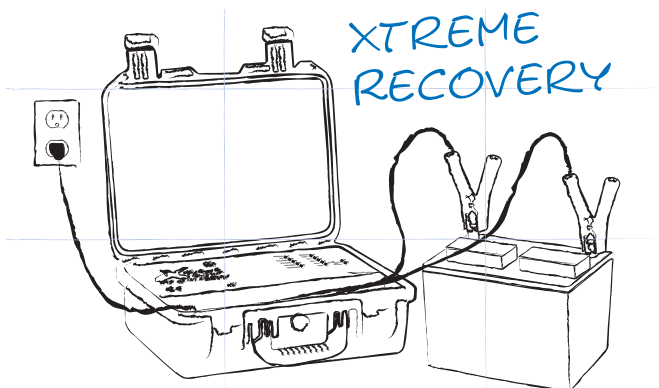


The XCR-20 is housed in a convenient, portable, heavy-duty case.



### 100X500 XCR-20 Battery Recovery Charger

## Specifications



**Maximum Output Current:** 20 A dc  
**Input Voltage:** 110-250 V ac, 50-60 Hz  
**Overcharge Protection:** Yes  
**Weight:** 11.1 lbs (5.03 kg)

**Dimensions:** 14.2"L x 11.4"W x 6.5"H  
**Power Cable:** 6'L  
**Battery Cable:** 6'L  
 One-Year Limited Warranty

### LED Indicators

- ON** – Charger is receiving proper input voltage
- TEST** – Charger is testing the battery's condition
- NO CONNECTION** – Charger is not connected to a battery
- BAD BATTERY** – Battery connected is not recoverable
- CHARGING** – Charger is providing bulk charge to the battery
- PULSING** – Charger is applying reconditioning charge to the battery
- 25% - 75%** – Indicates current state of charge
- 100%** – Charge complete. Charger is providing float charge to maintain the battery at 100% .

Status	Battery
ON	100%
PULSING	75%
PULSING	50%
PULSING	25%
CHARGING	TEST
	NO CONNECTION
	BAD BATTERY

### Applications

Works anywhere in the world on all types of 12-Volt lead-acid batteries— flooded, AGM and VRLA batteries—deep cycle and standard designs.

