



XCR-20 Xtreme 16 Amp 12V Battery Recovery Charger and Desulfator

Recover Batteries Thought to be Beyond Repair

- Recovers, charges and maintains any 12-Volt lead-acid battery
- Ideal for larger 12-Volt batteries including groups 31, 4-D and 8-D
- Recovers deeply sulfated batteries
- Uses patented Pulse Technology
- Simple one switch 'plug and play' technology
- LEDs indicate state of battery
- Quick disconnect at battery
- Over temperature protection
- Output current limit protection
- Enclosed in portable water-resistant, heavy-duty case
- 1-year Limited Warranty



The XCR-20 Xtreme Recovery Charger is a 16 Amp shop charger built to recover any type of 12-Volt lead-acid battery (VRLA, AGM and flooded cell) anywhere in the world. It is ideal for larger 12-Volt batteries including those in group 31, 4-D and 8-D. If you service vehicles or equipment with larger, expensive batteries the XCR-20 will make it possible for you to recover heavily discharged and sulfated batteries quickly so they can be returned to service avoiding premature replacement costs and saving money by making existing batteries last longer and perform more efficiently. The uniquely designed self-enclosed, portable, water-resistant heavy duty case allows the XCR-20 to be operated both in the shop on standalone batteries and on batteries still installed in equipment, reducing man hours required to pull and then reinstall batteries.

The Xtreme Recovery Charger uses PulseTech's patented Pulse Technology which emits a series of high frequency DC current pulses to reduce sulfation buildup which occurs over time as lead sulfates form on the battery plates during normal use. These sulfate deposits reduce the battery's ability to accept and keep a charge. Pulse Technology breaks down the deposits to improve battery performance and extend battery life up to five times.

LEDs allow users to easily understand what is happening to the battery during the recovery and charging process. A simple one switch 'plug and play' technology makes operation easy with minimal training.

Specifications

Input Electrical	
Input Voltage:	100-240 VAC
Input Current:	3 Amps @ 100 VAC
Input Frequency:	50-60Hz
Min. Voltage for Startup:	4 Volts
Output Electrical	
Output Current:	16 A DC
Output Voltage, Bulk Charge:	14.9 Volts
Absorption to Float	14.2 Volts and Charge
Charge Threshold:	Current < 0.75 Amps
Desulfating Pulse	
Peak Amplitude:	1 Amp
Desulfating Pulse Frequency:	22kHz to 28kHz
Pulse Rate Time:	1µS

Mechanical/Physical Characteristics	
Dimensions:	14.2"L x 11.4"W x 6.5"H
Weight:	11.1lbs
Shipping Weight:	12lbs
Enclosure:	Black HPX Plastic
Power Cord Length:	6'
Battery Cable Length:	6'

Environmental	
Operating Temperature	0° F to 130 ° F (-18° C to 54° C)
Storage Temperature	0° F to 150 ° F (-18 ° C to 66 ° C)

Battery Indicators	
On Charging	
Test Pulsing	
No Connection Bad Battery	
Battery State of Charge:	25%, 50%, 75%, 100%
Safety and Compliance	
UL listed	

Ordering Information

100X500
XCR-20

Part Number
Model Number

 **PulseTech**[®]
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