



# PulseTech XC100-P Xtreme Charge Battery Charger (C-Series)

Item # 14-0001007

## Overview

The unique Pulse Technology provided by this charger can increase the duty and life cycles of any size or type of 12 V lead-acid battery by minimizing the size of the lead sulfate crystals. This allows a battery to accept as much charge as possible. Pulse Technology helps ensure that new batteries will stay in like-new condition while older batteries often improve dramatically. Duty cycles are typically extended from three to five times for all types of lead-acid batteries. This charger is ideally suited for AGM and maintenance-free batteries (from less than 10 Ah to over 150 Ah). The combination of Pulse Technology and the charging profile typically allows it to charge these high-performance batteries more fully. It also maintains a safe charge profile for traditional batteries including flooded, fill-and-charge, and gel.

The PulseTech XC100-P Xtreme Charge is a five-stage maintenance charger. When first connected to a battery, a unique test feature evaluates the battery thoroughly to determine the appropriate charge rate based on its size and condition. It tests the battery continually for as long as it is connected to the charger to maintain the optimal bulk or float charge rate. This test step incorporates a “bad battery” indication if it determines the battery is faulty and cannot be recharged.

The charger automatically measures both voltage and current to determine the appropriate amount of charge the battery is able to accept at any given time. As the pulse and saturation charges improve the battery’s condition, the charge rate may be increased safely to an optimal level. This charging method protects the battery from the risk of damage due to overcharging. Conversely, if the charger is connected to a discharged battery, its bulk charge capability (2.5 A actual/5 A effective) will recharge the battery rapidly and safely so it can be put back into service quickly.



## Features

- Plugs into any standard US power outlet
- Interchangeable charging cables
- Five-stage maintenance charger
- Pulse Technology minimizes sulfation
- Extends battery life
- Plug & Play

### General

Fuse-protected connections	6-foot alligator clamp or SB50 red
Maximum Charge Current	2.5 A
Pulse Frequency	22–28 kHz
Charging Voltage	14.5 VDC
Maximum Battery Size	150 Ah
Input Voltage	90–250 VAC
Certifications	UL and CE
Warranty	1-year materials and workmanship

### Includes

- (1) PulseTech XC100-P Xtreme Charge Battery Charger (C-Series)
- (1) SB50 red charging adapter cable
- (1) Alligator clamp charging adapter cable

