

## BR-500 Battery Regenerator & Charger



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### Product Overview

The **BR-500 Battery Regenerator & Charger** is a multifunctional, universal 3-in-1 regenerator for 2 - 96V lead-acid batteries. By using intelligent smart control pulsing technology to increase battery capacity, Eagle Eye's regenerators are the most advanced and effective in the industry. The regeneration process minimizes damage of electrode plates by using the optimized high frequency pulse technology to successfully remove sulfation. The current pulses and converts sulfate crystals back to liquid molecules in the electrolyte. The BR-500 automatically controls voltage and current per type of battery. The built-in software algorithm searches for the optimum frequency to restore battery capacity by using a built-in microprocessor, allowing faster regeneration speeds. Increase battery recharging efficiency and prolong battery lifespan with the BR-500 Battery Regenerator.

### Features

- 3 Main Functions: Battery Regenerator, Charger, and Power Supply
- Universal design - can regenerate all types of lead-acid, GEL and AGM batteries
- Save money in battery replacement costs by extending battery life more than twice the original lifespan
- User-friendly 8 inch digital touch screen to program tests and view history
- Regeneration and charging begins in 5-simple steps using touch screen
- Over-voltage & surge protection - maintains low battery temperature during restoring
- Innovative pulse technology allows charging and restoring simultaneously
- Pulse technology restores up to 50% faster than other regenerators
- Save & print reports when results are transferred from the BR-500 to a PC via USB - allowing a detailed analysis of the regeneration process

### Technical Specifications

<b>Battery Voltage:</b>	Nominal DC 2 - 96V
<b>Battery Types:</b>	Lead Acid (40 - 3,000Ah)
<b>Input Power:</b>	AC 210 - 250V / 50 - 60 Hz
<b>Max Output:</b>	3.00KW
<b>Power Consumption:</b>	(Standby) Approx. 20W (Maximum) Approx. 2.5W
<b>Regeneration Method:</b>	Charge Current Inclusive High Frequency Pulse
<b>Dimensions</b>	480 x 400 x 1010 mm (19 x 16 x 40 in)
<b>Weight:</b>	50 kg (110 lbs)

### Kit Includes

- BR-500 Battery Regenerator & Charger
- Regenerator Cables
- AC Power Cord
- User Manual

### Ordering Information

No.	Model #	Description
1	BR-500	Battery Regenerator, Charger & Power Supply for 2 - 96V lead-acid, GEL or AGM batteries