

# The POWERHEART® AED G3 Plus



Our flagship automated external defibrillator, complete with RescueCoach™ and CPR metronome to pace chest compressions.

## Appropriate Locations

*Any public place*

- Work places
- Transportation
- Sporting venues
- Schools
- Retail & hotels
- Recreation facilities
- Places of worship

## Primary Benefits

*Reliability.* The device is Rescue Ready®, meaning it self-tests daily to ensure it works when you need it.

*Ease of Use.*

- The RescueCoach™ voice prompts and metronome guide you through a very stressful rescue situation.
- The device knows when to (and when not to) deliver the shock.
- The text screen lends extra help in noisy and chaotic environments.

*Assurance.* The unit has a 7-year warranty and a 4-year full battery replacement guarantee.

## Rescue Ready® performance sets Powerheart AEDs apart

Our Rescue Ready® technology distinguishes us among competitors.

- + Every day, to ensure anytime functionality, the AED self checks all main components (battery, hardware, software, and pads).
- + Every week, the AED completes a partial charge of the high-voltage electronics.
- + Every month, the AED charges the high-voltage electronics to full energy.

If anything is amiss, the Rescue Ready status indicator on the handle changes from green to red and the device will emit an audible alert to service the unit. In sum, a Powerheart AED is Rescue Ready when a life depends on it.

## Most anyone can operate a Powerheart AED G3 Plus

In the chaos that follows sudden cardiac arrest, concerned but untrained people are hesitant to intervene. Will they know what to do? There's a life on the line!

We designed the Powerheart AED G3 Plus with RescueCoach™ voice prompts to talk rescuers through the steps.

- + When the rescuer applies the pads, the device analyzes the heart rhythm and “knows” when to deliver (or not deliver) the shock.
- + The shock is delivered automatically, with no button to push, and no human intervention. (We also make a semi-automatic version.)
- + After the shock, the unit prompts for CPR with a built-in metronome that sets the pace for proper chest compressions.

In a University of Pennsylvania simulated rescue study, the AED G3 Plus helped untrained adults deliver CPR of a quality similar to that of trained professionals.<sup>1</sup>

<sup>1</sup> Peer reviewed study by Benjamin S Abella et. al. “Untrained Volunteers Perform High Quality CPR When using an Automatic External Defibrillator with a CPR Voice Prompting Algorithm,” *Circulation*. 2007; 116:II\_437.

# Powerheart® AED G3 Plus

## TECHNICAL SPECIFICATIONS

<b>DEFIBRILLATOR</b> Operations Waveform Energy (J) range available Protocols Factory default (nominal) Voice prompts CPR cadence Text screen Visible indicators Audible alerts Synchronized shock Pacemaker pulse detection Programmable Pediatric capability	9390A (fully automatic version) and 9390E (semi-automatic version) STAR® biphasic truncated exponential Escalating variable energy (VE) 105J to 360J 5 energy protocols available 200VE, 300VE, 300VE RescueCoach™ voice instructions guide user confidently through rescue process Metronome for compression frequency Displays written instructions to guide user through rescue process Rescue Ready® status indicator, smart gauge, battery status indicator, service indicator, pad indicator, text display Voice prompt, system alert Built in automatic synchronization feature Yes Yes, via MDLink® Yes
<b>PADS</b> Minimum combined surface area Extended length of lead wire Supplied Type Shelf life	228cm <sup>2</sup> (35.3 sq in) 1.3m (4.3 ft) Self-checking, pre-connected to the AED Adult, pre-gelled, self-adhesive, disposable, non-polarized (identical pads can be placed in either position) defibrillation pads 2 years
<b>BATTERY</b> Type Guarantee	IntelliSense® lithium battery 4-year, full operational replacement
<b>AUTOMATIC SELF-TESTS</b> Daily Weekly Monthly	Battery, pads (presence and function), internal electronics, SHOCK/CONTINUE button, and software Battery, pads (presence and function), internal electronics, partial energy charge, SHOCK/CONTINUE button, and software Battery, pads (presence and function), internal electronics, full energy charge cycle, SHOCK/CONTINUE button, and software
<b>EVENT DOCUMENTATION</b> Type Internal memory ECG playback Communications Clock synchronization	Internal memory 60 minutes ECG data with event annotation, multiple rescue functionality Viewable via RescueLink® software via PC Serial port or USB (via adapter) for PC with Windows Rescue event time stamp of event data
<b>PHYSICAL DIMENSIONS</b> Height Width Depth Weight	8 cm (3.3 in) 27 cm (10.6 in) 31 cm (12.4 in) 3.10 kg (6.6 lb)
<b>MODEL NUMBERS</b> 9390A-501 9390E-501	Powerheart AED G3 Plus Automatic with 2005 AHA/ERC Guidelines protocols Powerheart AED G3 Plus Semi-Automatic with 2005 AHA/ERC Guidelines protocols Each AED package includes (1) defibrillator, (1) IntelliSense battery (9146), (1) pair of defibrillation pads, and (1) Quick Start

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