

# POWERHEART®

## INTRODUCING THE POWERHEART AED G3 PLUS



### G3 PLUS FEATURES INCLUDE

- *Rescue Coach instructive prompts*
- *AHA/ERC 2005 Guidelines Protocols*
- *Metronome for proper CPR compression frequency*
- *Rescue Ready technology includes extensive daily, weekly and monthly self-tests*
- *Outstanding voice prompt quality and clarity*
- *4 - Year full operational replacement battery guarantee*
- *7 - Year AED warranty*



Featuring more than 80 patents, the Powerheart G3 Plus AED offers a unique combination of features that no other AED can match in providing an easy to use, reliable and technologically advanced lifesaving device.

New, Rescue Coach™ intuitive voice prompts were designed using the results of a human behavior study to guide the rescuer confidently and easily through the rescue process and provide instructions and AED behavior aligned with the AHA/ERC 2005 Guidelines. The new detailed instructions for CPR include a metronome to assist with frequency of compressions.

Patented Rescue Ready® daily, weekly and monthly self-tests ensure that critical components such as pads, battery and internal circuitry are always in working order and validate reliability. Another unique feature for Powerheart AEDs is the monthly full-energy self test which confirms that the AED can charge to its maximum capability.

Patented non-polarized defibrillation pads simplify the placement process as either pad can be placed in the upper right chest or lower left chest area. Powerheart AEDs also feature a text screen which displays text prompts for use in a loud rescue environment, or by rescuers who are hearing impaired.

For more information, visit [www.powerheart.com](http://www.powerheart.com)

# SPECIFICATIONS

## DEFIBRILLATOR

Operation	9390E Semi-automatic – 9390A Automatic
Waveform	Biphasic truncated exponential
Energy (J) range available	Escalating Variable Energy (VE) 105J to 360J
Protocols	5 energy protocols available
Factory default (Nominal)	200VE, 300VE, 300VE
Voice prompts	Rescue Coach™ voice instructions guide user confidentially through rescue process
CPR Cadence	Metronome sound for compression frequency
Text screen	Displays written instructions to guide user through rescue process
Visible indicators	RescueReady Status Indicator, SmartGauge Battery Status Indicator, Service Indicator, Pad Indicator, Text Display
Audible alerts	Voice Prompt, System Alert
Synchronized shock	Built in automatic synchronization feature
Pacemaker pulse detection	Yes
Programmable	Yes, via MDLink®
Pediatric capability	Yes

## PADS

Minimum combined surface area	228cm <sup>2</sup>
Extended length of lead wire	1.3m
Supplied	Self-checking, pre-connected to the AED
Type	Adult, pre-gelled, self-adhesive, disposable, non-polarized (identical pads can be placed in either position) defibrillation pads
Shelf life	2 years

## BATTERY

Type	IntelliSense® lithium battery
Warranty	4 year, full operational replacement

## AUTOMATIC SELF-TESTS

Daily	Battery, pads (presence and function), internal electronics, no energy charge, SHOCK/CONTINUE button, and software
Weekly	Battery, pads (presence and function), internal electronics, partial energy charge, SHOCK/CONTINUE button, and software
Monthly	Battery, pads (presence and function), internal electronics, full energy charge cycle, SHOCK/CONTINUE button, and software

## EVENT DOCUMENTATION

Type	Internal memory
Internal memory	60 minutes ECG data with event annotation, multiple rescue functionality
ECG Playback	Viewable via RescueLink® software via PC
Communications	Serial port or USB (via adapter) for PC with Windows
Clock synchronization	Rescue event time stamp of event data

## PHYSICAL DIMENSIONS

Height	8 cm (3.3 in)
Width	27 cm (10.6 in)
Depth	31 cm (12.4 in)
Weight	3.10 kg (6.6 lb)

## MODEL NUMBERS

- 9390A-501 Powerheart AED G3 Plus Automatic with 2005 AHA/ERC Guidelines Protocols
- 9390E-501 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 Tool Kit which includes CD-Rom with AED Manual, Training Video, RescueLink and MDLink, and serial communication cable.

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