

In a Cardiac Emergency, What Goes Through Your Mind?



Is the AED ready? Will I remember how to use it? Responding to a cardiac emergency can be stressful, chaotic and confusing, especially when it involves a friend, family member or coworker. We believe you shouldn't have to worry about whether your AED will be ready and working when you need it. We designed our Powerheart G3 family of AEDs with this concept in mind. Our patented technology helps ensure that your Powerheart AED is ready, easy to use and provides the most advanced therapy available on the market. This makes Powerheart the AED of choice for cardiac emergencies in any setting.

RESCUE READY® RELIABILITY

It is critical for an AED to perform self tests. These self tests should cover all critical components of the AED without requiring the user to perform additional “user initiated” testing. Users can forget to perform these additional tests, leaving critical AED functions untested.

	Powerheart	FRx
Requires User Initiated Testing	No	Yes ¹

The Powerheart G3 AED family checks critical components without the need for user initiated or battery insertion tests.

EASE OF USE

Because the scene of an emergency is often chaotic and noisy, it is important that your AED offers both audible and visual instructions.

Additionally, the AED should allow all potential rescuers, including those that are audio challenged, to operate this important piece of safety equipment.

For these reasons, a text display is a very important feature on an AED.

	Powerheart	FRx
Automatic therapy delivery*	Yes	No
Text display	Yes	No
Suitable for loud environments	Yes	No text display

* Powerheart AED G3 Plus and G3 Auto models

Only the Powerheart AED family offers both automatic therapy delivery and a text display in a single AED!

STAR® BIPHASIC TECHNOLOGY

Comparing the defibrillation waveform technology from one AED to another can be very confusing. This being said, it is important to choose effective and proven therapy. The STAR biphasic waveform technology assesses unique physiology of a patient and customizes the defibrillation energy dose they receive.

	Powerheart	FRx
Escalating Energy	Yes ²	No

The Powerheart G3 family is the only AED family with STAR® Biphasic technology.

Most defibrillator manufacturers perform clinical trials to verify the effectiveness of their defibrillation technology. Evaluating first shock effectiveness during these documented clinical trials can reveal significant differences.

	Powerheart	FRx
First Shock Effectiveness	100% ³	Unknown*

Powerheart AEDs with STAR Biphasic technology demonstrated first shock effectiveness at 100%.

* For the Philips product, publicly available data from the FDA approval process was for a 115J and 130J energy protocol waveform, which had an 86% first shock efficacy (Bardy GH, et al., Circulation, 1996; 94:2507-2514). Philips claims the current energy protocol for the FRx product is a 150J waveform. No known data exists in comparable electrophysiology laboratory clinical settings for this waveform.

WARRANTY

Warranty length is an important item to take into consideration when buying an AED.

	Powerheart	FRx
AED Warranty	7 - years ⁵	5 - years ⁶
4-year battery full replacement guarantee	Yes ⁵	No

Powerheart AEDs are the only AEDs that have a 7-year warranty on the AED and 4-year battery full replacement guarantee.

1. Philips FRx user manual (ref. 9898031387310)
2. Cardiac Science STAR Biphasic/DFT Whitepaper
3. Bain AC, Annals of Emergency Medicine, January 2001
4. Bardy GH, et al, Circulation, 1996; 94:2507-2514
5. Cardiac Science Warranty Statement
6. Philips Warranty Statement

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