

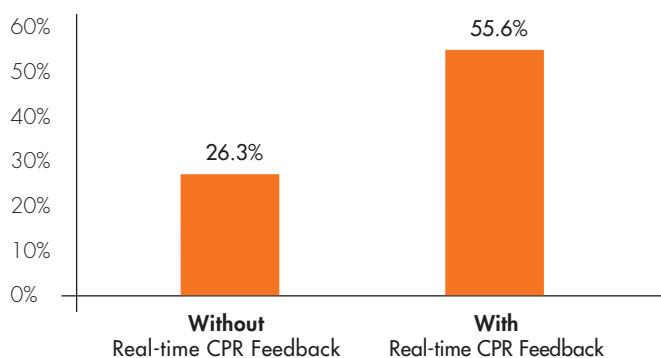
POWERHEART® G5 AED

KEY SELLING POINTS

Real-time, Guideline-driven CPR Feedback

ZOLL AEDs provide real-time feedback technology that guides rescuers through high-quality CPR compressions. This technology is critical to a sudden cardiac arrest (SCA) victim's survival. With over 1.5 million AEDs installed worldwide, ZOLL AEDs are trusted by safety leaders because they are smart, reliable, and ready for the rescue.

Cardiac Arrest Survival Rate



Research has shown ZOLL defibrillators equipped with Real CPR Help® technology – providing real-time feedback for depth and rate of chest compressions – combined with training more than doubled the chances of survival from cardiac arrest.¹

Why High-quality CPR Is Important

An AED will recommend a shock only 50% of the time on the first analysis. A cardiac arrest victim will require high-quality CPR all of the time.

- For the 50% of cases where no shock is advised, high-quality CPR increases the flow of oxygenated blood to the heart, brain, and other vital organs. With CPR, a victim's chance of survival increases significantly.
- Even when a shock is advised, a struggling heart needs high-quality CPR to provide it with oxygenated blood to return it to a normal rhythm.

The Effectiveness of Real-time Feedback

The American Heart Association (AHA), in a 2013 Consensus Statement, highlighted the importance of devices that can measure and provide feedback on CPR quality. All ZOLL AEDs include integrated, real-time feedback.

“... monitoring of CPR quality is arguably one of the most significant advances in resuscitation practice in the past 20 years and one that should be incorporated into every resuscitation and every professional rescuer program.”²

– American Heart Association CPR Quality Consensus Statement

Ready for the Rescue

An AED needs to be ready when you need it. Whether you are an experienced rescuer or a first-time responder, you will appreciate how the Powerheart G5 AED combines ease of use, reliability, and advanced technologies to help victims survive sudden cardiac arrest.

- The Powerheart® G5 AED uses Intellisense™ CPR (ICPR) technology to monitor CPR chest compressions, providing rescuers with distinct corrective voice and text prompts.
- Powerheart G5 conducts automated self-tests of critical components and tests battery and pads for both presence and function.



ADDITIONAL SELLING POINTS

- **Real-Time CPR Feedback** The Powerheart G5 AED uses ICPR technology, which monitors each of the rescuer's CPR compressions and provides one of four distinct, corrective voice and text prompts when detecting compressions outside of guidelines: "Press Slower", "Press Faster", "Press Softer", and "Press Harder and Fully Release".
- **Rescue Ready®** The Powerheart G5 AED performs comprehensive self-testing to ensure it is ready to rescue. Studies have shown that approximately 46% of AED failures are due to pad, pad connector, or battery power problems. The Powerheart AED self-tests detect and help prevent these issues.
- **RescueCoach®** User-paced voice and text rescue prompts guide users step-by-step through the rescue process.
- **Dual-Language Capabilities** With a touch of a button, CPR instruction, ICPR corrections, and AED prompts can quickly switch from the primary language to a pre-programmed alternate language without delaying the rescue.



Having an AED Onsite Is Critical

Sudden cardiac arrest (SCA) is one of the leading causes of death in the U.S. The only effective treatment is a shock from an AED combined with high-quality CPR administered as soon as possible after a victim collapses. This ensures the most favorable outcome.

Cardiac Arrest Is More Common than Most Think

- Cardiac arrest is a significant health issue, resulting in nearly 400,000 deaths annually in the U.S.³
- OSHA estimates that more than 10,000 cardiac-arrest fatalities occur at work annually, making it the single largest cause of death in the workplace and more than all other causes of workplace fatalities combined.⁴

Immediate Treatment Offers the Best Chance of Survival

- Untreated, a victim's chance of survival diminishes by 10% for every minute that passes after collapse.⁵
- If no AED is available, an untreated victim's chance of survival is only about 5%.⁵
- If an AED is available, the chance of survival increases to 24%.⁵
- The AHA recommends treatment of an SCA victim within three to four minutes of collapse to provide the best chances of survival.³
- Typical response times from emergency services are usually greater than seven minutes.⁶

For more information, visit zoll.com or call 800-804-4356
For technical support, call 800-348-9011

¹Bobrow B, et al. *Ann Emerg Med.* 2013 Jul; 62(1): 47-56, 31.

²Meaney PA, et al. *Circulation.* 2013;128:417-435.

³Mozaffarian D, et al. *Circulation.* 2015;131:e29-e322.

⁴OSHA Publication 3185 (2003), <https://www.osha.gov/SLTC/aed/index.html>. Accessed 27 May 2020 and CFOI U.S. Bureau of Labor and Statistics, 2016.

⁵Weisfeldt M, et al. *Journal of the American College of Cardiology.* 2010; 55(16):1713-1720.

⁶Mell HK, et al. *JAMA Surg.* 2017; 152:10:983-984. DOI:10.1001/jamasurg.2017.2230.