

Power to Believe. Power to Act.

Powerheart[®] G5.



The Powerheart® G5

Empowering Rescuers at Every Level to Save Lives

Whether you are an experienced rescuer or a first-time responder, the Powerheart G5 automated external defibrillator (AED) provides a powerful combination of features that help rescuers provide sudden cardiac arrest (SCA) victims with swift, effective, and life-saving therapy. The Powerheart G5 is the first FDA-cleared AED to combine dual-language functionality, variable escalating energy, fast shock times, and real-time Intellisense CPR Feedback.

Easy without compromise

Perform each step of the rescue with user-paced instruction from RescueCoach™ voice and text prompts. Pads can be placed on either side of a victim's chest. After the rescue, extract event data immediately from a USB port.

Reliable and rugged

Know your Powerheart G5 will be ready when called upon thanks to the highly visible Rescue Ready® indicator that communicates rescue status and confirms that the internal circuitry, medical-grade battery, and rescue pads have passed daily, weekly, and monthly self-tests. In fact, a collective 4,100 hours of Rescue Ready self-tests around the world are performed each day. The durable G5 has been tested to military standards and features an IP55 rating for protection against dust and water.





Effective CPR made easy

Optional Intellisense™ CPR Feedback monitors the quality of both chest compression depth and rate. If either compression rate or depth is outside of the 2015 American Heart Association acceptable parameters, the rescuer will receive a short corrective prompt to ensure effectiveness. Simple place-and-press design ensures effective CPR.

Peace of mind

Rest easy as the Powerheart G5 is built to last with an 8-year warranty, a strong indemnification policy, and a 4-year full operational performance guarantee on Intellisense® medical grade non-rechargeable batteries. Feel confident knowing your AED provider has pioneered AED technology for over 20 years and helped deployed a half-million Powerheart AEDs around the world.

Incredibly smart

Feel confident when performing the rescue as the G5 customizes the shock to deliver the appropriate energy needed for each patient. Defibrillation energy automatically escalates if additional shocks are needed with a fast shock time of 10 seconds or less. If more than one shock is required, the AED does not repeat the same effort. Rather, it increases the energy input to an appropriate higher level.

Fluent in two languages

Touch a button to change the voice prompts to one of the chosen languages without restarting or delaying the rescue.

Powerheart® G5 AED

TECHNICAL SPECIFICATIONS

DEFIBRILLATOR	
Operations	Semi-automatic
Waveform	STAR® biphasic truncated exponential
Therapy range (J)	95J to 354J (adult)
Fast shock feature	Able to deliver a shock after the end of a CPR cycle in 10 seconds or less
Voice prompts	RescueCoach™ prompts provide user-paced instruction. Optional Intellisense™ CPR Feedback provides corrective voice prompts for both rate and depth.
Text screen	Displays rescue prompts and critical rescue information. Optional Intellisense CPR Feedback provides corrective text prompts for both rate and depth.
Audible alerts	Voice prompt, system alert
Synchronized shock	Built-in automatic synchronization feature
Pacemaker pulse detection	Yes
Pediatric capability	Therapy range (VE) 22J to 82J, pediatric prompts
Dual language	English and French Canadian
Customizable	Voice prompt, CPR protocol, optional CPR Feedback device settings, and shock protocols via AED Manager
CPR	Metronome for CPR compression rate
Visible indicators	Rescue Ready® indicator, battery, service, and pad status
Warranty	8 years
PHYSICAL / ENVIRONMENTAL	
Dimensions (H x W x D)	3.4 in x 9.0 in x 11.8 in (9 cm x 23 cm x 30 cm)
Weight	5.7 lbs (2.6 kg), including battery and pads
Dust/water resistance	IP55 (IEC 60529)
Operating temperature	32 °F to +122 °F (0 °C to 50 °C)
Altitude	-1,253 ft (-382 m) to 15,073 ft (4,594 m)
Drop	MIL-STD-810G, 516.6 (Procedure IV) for 1.22 m drop
Shocks	MIL-STD-810G, 516.6 (Procedure 1)
Vibration (sine and random)	MIL-STD-810G, 514.6 (Procedure 1, Cat 24)
EMI (radiated/immunity)	IEC 60601-2-4
PADS	
Intellisense CPR Feedback	Disposable, non-polarized pads with CPR feedback sensor
Standard Defibrillation Pads	Disposable, non-polarized (pads can be placed in either position)
Shelf life	2 years
BATTERY	
Guarantee	4-year, full operational replacement
Capacity	420 shocks (typical) at 300VE
AUTOMATIC SELF-TESTS	
Daily, weekly, and monthly	Electrical circuitry, AED software, medical grade battery, and defibrillation pads (presence and function)
Weekly	Includes partial energy charge
Monthly	Includes full energy charge cycle
EVENT DOCUMENTATION	
Internal memory	90 minutes of rescue data, multiple rescue functionality
ECG, CPR compression and rescue review	Viewable via AED Manager reporting and configuration software
Communications	USB cable or USB memory stick

At the Heart of Saving Lives®

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