

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 AED to combine fully automatic shock delivery, dual-language functionality, variable escalating energy, and fast shock times to help save an SCA victim's life.

Easy without compromise

Perform each step of the rescue with user-paced instruction from RescueCoach™ voice and text prompts, and an optional CPR feedback device. Pads can be placed on either side of a victim's chest, and the Powerheart G5 only provides an automatic shock when it is required. After the rescue, extract event data immediately from a USB port.

Reliable and rugged

Feel confident knowing 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.





CPR Feedback Device

Optional Intellisense™ CPR Feedback Device provides prompting for effective chest compression rate and depth.

Configurable

Adjust rescue prompts to match the rescuer's skill level and change shock and CPR protocols to match clinical preferences. Easily update settings if resuscitation guidelines change.

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 to deploy half a million Powerheart AEDs around the world.

Incredibly smart

Watch as the G5 customises the shock to deliver the appropriate energy needed to 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.

* Available in dual-language models only.

Powerheart® G5 AED

TECHNICAL SPECIFICATIONS	
DEFIBRILLATOR	
Operations	Fully automatic* and semi-automatic versions
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
Text screen	Displays rescue prompts and critical rescue information
Audible alerts	Voice prompt, system alert
Synchronised shock	Built-in automatic Synchronisation feature
Pacemaker pulse detection	Yes
Pediatric capability	Therapy range (VE) 22J to 82J, pediatric prompts
Dual language	Contact Cardiac Science for language options in your area*
Customisable	Voice prompt, CPR settings, and shock protocols via AED Manager
CPR	Metronome for CPR compression rate. Optional Intellisense CPR Feedback Device.
Visible indicators	Rescue Ready®, battery, service, and pad status
Warranty	8 years
PHYSICAL / ENVIRONMENTAL	
Dimensions (H x W x D)	9 cm x 23 cm x 30 cm (3.4 in x 9.0 in x 11.8 in)
Weight	2.6 kg (5.7 lbs), including battery and pads
Dust/water resistance	IP55 (IEC 60529)
Operating temperature	0 °C to 50 °C (32 °F to +122 °F)
Altitude	-382 m (-1,253 ft) to 4,594 m (15,073 ft)
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™ Defibrillation Pads	
Type	Disposable, non-polarized (pads can be placed in either position) Available with and without CPR Feedback Device, and in a smaller size for pediatrics
Shelf life	24 months (min)
BATTERY	
Intellisense® Lithium Battery	
Guarantee/shelf Life	4-year, full operational replacement / 5-year shelf life from date of manufacture
Capacity/performance	420 shocks at 300VE (typical), output voltage: 12 VDC (nominal), 16 hours of operating time
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 and rescue review	Viewable via AED Manager reporting and configuration software
Communications	USB cable or USB memory stick

*Check for availability in your area.

At the Heart of Saving Lives®

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0086 MKT-04786-02rA

