

Who do you depend on
when a life depends on

you?



The Powerheart G5: designed for you.

Ready when you need it.



In your locale.

Count on responsive support and expert training from your local Cardiac Science team.

Incredibly smart.

Provides customised therapy with variable escalating energy and synchronized shock to treat a variety of patients and arrhythmias. Switch to an alternate language* during a rescue with the push of a button, and quickly transfer rescue data via USB.

No compromises.

The first AED that combines variable escalating energy and fast shock times, delivering a post-CPR shock in as little as 10 seconds.

Rugged and reliable.

Ready to go whenever you need it with a durable design tested to military standards and an IP55 rating for protection from dust and water. The highly visible Rescue Ready® indicator confirms your G5 passed rigorous daily, weekly, and monthly self-tests.

Rely on the Powerheart G5's advanced AED technology.

Your skills and experience can make all the difference to a victim of sudden cardiac arrest, so we designed the Powerheart® G5 to help you respond as quickly and effectively as possible. The Powerheart G5 is the first AED that combines variable escalating energy for customised patient therapy along with fast shock times and real-time CPR feedback. Like you, the Powerheart G5 is ready to respond and knows how to perform when every second counts. And with customisable protocols and easy USB data transfer, it's the perfect addition to your team.

Customisable now, flexible in the future.

Customise the prompts, shock protocols, and CPR feedback to match user skills and preferences, and easily update these settings if Resuscitation Guidelines change.

Intuitive CPR guidance.

Real-time feedback helps responders perform CPR in accordance with the latest Resuscitation Guidelines.

*Available in select languages.

Powerheart G5

TECHNICAL SPECIFICATIONS

DEFIBRILLATOR

Operations	Fully automatic and semi-automatic versions
Waveform	STAR® biphasic truncated exponential
Therapy range (J)	95J to 354J (adult)
Factory default (nominal)	Escalating Variable Energy (VE): 200VE, 300VE, 300VE
Shock delivery	Within 10 seconds (typically) post-CPR
Voice prompts	RescueCoach™ prompts provide user-paced instruction
Text screen	Displays rescue prompts and critical rescue information
Audible alerts	Voice prompt, system alert
Synchronized shock	Built-in automatic synchronization feature
Pacemaker pulse detection	Yes
Pediatric capability	Yes, therapy range 22J to 82J, pediatric prompts
Dual language	Yes, selected languages available
Customisable	Voice prompt, CPR settings, and shock protocols via AED Manager
CPR feedback	Real-time guidance for CPR rate/depth (optional), metronome for CPR rate
Visible indicators	Rescue Ready®, battery, service, and pad status
Warranty	7 years



PHYSICAL/ENVIRONMENTAL

Dimensions (L x W x D)	30 cm x 23 cm x 9 cm (11.8 in x 9.1 in x 3.5 in)
Weight	2.5 kg (5.5 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

Type	Disposable, non-polarized (pads can be placed in either position)
Shelf life	2 years

BATTERY Intellisense® lithium battery

Guarantee	4-year, full operational replacement
Capacity	500 shocks at 150VE ; 450 shocks at 200VE

AUTOMATIC SELF-TESTS

Daily, weekly, and monthly	Battery, pads (presence and function), electrical circuitry, and software
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 software
Communications	USB cable or USB drive

Each AED package includes (1) defibrillator, (1) Intellisense battery, (1) pair of defibrillation pads, (1) AED Manager software, (1) AED manual, (1) Getting Started card, and (1) Steps to a Rescue.



Cardiac Science is a global leader in automated external defibrillators (AEDs) and diagnostic cardiac monitoring devices. With the Powerheart G5, we've taken AED technology and design to a new level of reliability, ease of use, and effectiveness. No other AED offers the Powerheart G5's combination of advanced features that include Rescue Ready self-testing, variable escalating energy, fast shock times, and real-time CPR feedback.

For more information, visit www.cardiacscience.co.uk or contact your local Cardiac Science team.

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