

Powerheart G5

The complete AED solution for workplaces, sporting clubs and public places



KEY STATISTICS

SCA is not gender or age specific

For each minute that passes while suffering a SCA, the chance of survival is reduced by 10% and ultimately leaves only a 10 minute "window of opportunity"

It is estimated over 30,000 Australians suffer a Sudden Cardiac Arrest (SCA) each year

Current survival without an AED is between 2 and 5%

Average ambulance response times in Australia sit between 10-12 minutes. The only guarantee to intervene in time is by having an AED on-site.

The Powerheart G5 gives you the confidence to act

Easy without compromise

First-time users can successfully perform each critical step of a rescue with the Powerheart G5's real-time CPR feedback, user-paced instruction, intuitive pad design and automatic shock delivery. (Semi-automatic model also available.)

What happens in the first few minutes following a sudden cardiac arrest (SCA) can make the difference between life and death. With more than 40 U.S. patents, the Powerheart G5 is the first AED that combines variable escalating energy with fast shock times and real-time CPR feedback. Easy, intuitive operation and user-paced prompts enable responders in workplaces and public spaces to act quickly and confidently to give an SCA victim the best chance of a favourable outcome.

Key features of the Powerheart G5

- RescueReady® technology which performs daily self-tests on all AED components (battery, electrode pads, hardware and software).
- Medical-grade Battery (5 year lifespan with a 4 year replacement guarantee)
- User-paced instructions with text and audio prompts
- Fully automatic (semi-automatic available)
- 8 Year AED Warranty
- Easy USB connectivity
- Optional real-time CPR feedback



Incredibly Smart

Rely on the Powerheart G5's advanced technology with customised escalating energy and fast shock times.

Rugged and Self-Disciplined

The Powerheart G5 is ready to go when 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.



Powerheart G5

Technical Specifications

DEFIBRILLATOR

Operations	Fully automatic
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 informationAudible Voice prompt,
Audible alerts	system alert
Synchronised shock	Built-in automatic synchronisation feature
Pacemaker pulse detection	Yes
Paediatric capability	Yes, therapy range (VE) 22J to 82J, paediatric 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 of CPR rate
Visible indicators	Rescue Ready®, battery, service, and pad status
Warranty	8 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

PHYSICAL/ ENVIRONMENTAL

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

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

For more information, call (03) 9429 2666 or email sales@cardiacdefibrillators.com.au

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