# 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 10-12minutes. 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

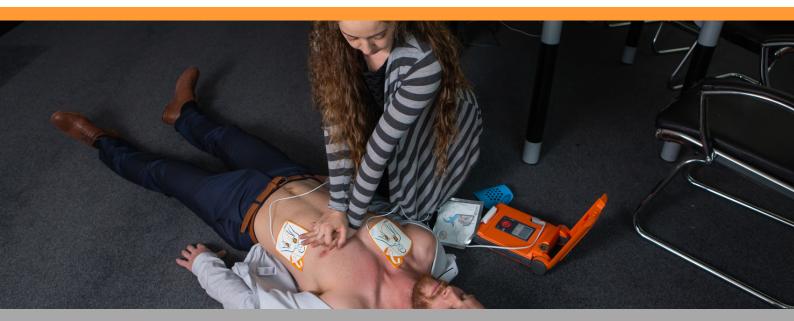


# **Incredibly Smart**

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 information Audible 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

**Visble 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

## **Cardiac Defibrillators**

