

# AEDs

Automated External Defibrillators  
Saving minutes, saves lives



# AEDs

## Automated External Defibrillators

As part of a complete resuscitation solution BOC Healthcare supplies a range of Automated External Defibrillators (AEDs) from leading manufacturer Cardiac Science.

Treatment of sudden cardiac arrest is time critical and for every minute that defibrillation is delayed, the chance of survival decreases by around 7 to 10% per minute.

Allowing time to make an emergency call, the ambulance journey time and the time taken to administer a shock, the delay from collapse to paramedic treatment is usually 13 to 14 minutes at best. After this length of time there is virtually no chance of survival.

Therefore easy access to on site AEDs and prompt defibrillation has the potential to save lives and prevent the patient from deteriorating prior to the ambulance service arriving.

There are four different AEDs for you to choose from to meet your specific requirements but they are all incredibly easy to use with either one-button operation or fully automatic models.

The units deliver simple, clear and instructive voice prompts and also feature a text display for use in noisy environments or by rescuers who are hearing impaired. Pads are non side-specific so there is no confusion in an emergency situation as to which side of the body each pad needs to be placed.

Summary of key benefits throughout the Cardiac Science AED range:

- 7 year AED device warranty
- 4 year full replacement battery warranty
- Rescue Ready® technology providing daily automated self testing of all critical components
- Automatically delivers variable and escalating energy depending on patient needs
- Non-side specific pads
- Simple, clear and instructive voice prompts
- Text display for noisy environments
- No routine maintenance required – low ongoing ownership costs.



### POWERHEART® AED G3

Operation	Semi-automatic
Waveform	Biphasic truncated exponential
Energy (J) range available	Escalating Variable Energy (VE) 105J to 360J
Protocols	5 energy protocols available
Factory default (nominal)	200VE, 300VE, 300VE
Controls	One-button operation
Voice prompts	Comprehensive voice instructions guide user through rescue process
Text screen	Displays written instructions to guide user through rescue process
Visible indicator	Rescue Ready status indicator, SmartGauge battery status indicator, service indicator, pad indicator, text display
Audible alerts	Voice prompt, system alert built-in automatic synchronization feature
Pacemaker pulse detection	Yes
Programmable	Yes, via MDLink®
Paediatric capability	Yes

### POWERHEART® AED G3 – automatic

Operation	Automatic
Waveform	Biphasic truncated exponential
Energy (J) range available	Escalating Variable Energy (VE) 105J to 360J
Protocols	5 energy protocols available
Factory default (Nominal)	200VE, 300VE, 300VE
Voice prompts	Comprehensive voice instructions guide user through rescue process
Text screen	Displays written instructions to guide user through rescue process
Visible indicator	Rescue Ready status indicator, SmartGauge battery status indicator, service indicator, pad indicator, text display
Audible alerts	Voice prompt, system alert
Synchronized shock	Built-in automatic synchronization feature
Pacemaker pulse detection	Yes
Programmable	Yes, via MDLink®
Paediatric capability	Yes

### POWERHEART® AED G3 plus

Operation	9390A automatic – also available in semi-automatic mode. Please consult with your sales representative.
Waveform	Biphasic truncated exponential
Energy (J) range available	Escalating Variable Energy (VE) 150J to 360J
Protocols	5 energy protocols available
Factory default (nominal)	200VE, 300VE, 300VE
Voice prompts	Rescue Coach™ voice instructions guide user confidently through rescue process
CPR cadence	Metronome sound for compression frequency
Text screen	Displays written instructions to guide user through rescue process
Visible indicator	Rescue Ready status indicator, SmartGauge battery status indicator, service indicator, pad indicator, text display
Audible alerts	Voice prompt, system alert
Synchronized shock	Built-in automatic synchronization feature
Pacemaker pulse detection	Yes
Programmable	Yes, via MDLink®
Paediatric capability	Yes

### General specifications, applies to all models

<b>Pads</b>	
Minimum combined surface area	228 cm <sup>2</sup>
Extended length of lead wire	1.3 m
Supplied	Self-checking, pre-connected to the AED
Type	Adult, pre-gelled, self-adhesive, disposable, non-polarized (identical pads can be placed in either position) defibrillation pads
Shelf life	2 years
<b>Battery</b>	
Type	IntelliSense® lithium battery
Warranty	4 year, full operational replacement
<b>Automated self-tests</b>	
Daily	Battery, pads (presence and function), internal electronics, no energy charge, and software
Weekly	Battery, pads (presence and function), internal electronics, partial energy charge, and software
Monthly	Battery, pads (presence and function), internal electronics, full energy charge cycle, and software
<b>Event documentation</b>	
Type	Internal memory
Internal memory	60 minutes ECG data with event annotation
ECG Playback	Viewable via RescueLink® software via PC
Communications	Serial port or USB (via adapter) for PC with Windows
Clock synchronization	Rescue event time stamp of event data
<b>Physical dimensions</b>	
Height	8 cm (3.3 in)
Width	27 cm (10.6 in)
Depth	31 cm (12.4 in)
Weight	3.10 kg (6.6 lb)

**BOC Healthcare**

Customer Service Centre, Priestley Road, Worsley, Manchester M28 2UT, United Kingdom  
Tel 0161 930 6010, [bohealthcare-uk@boc.com](mailto:bohealthcare-uk@boc.com), [www.bohealthcare.co.uk](http://www.bohealthcare.co.uk), [www.boclifeline.co.uk](http://www.boclifeline.co.uk)

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