



POWERHEART AED G3 PRO DEFIBRILLATOR

The Powerheart AED G3 Pro is a fully equipped automated external defibrillator (AED) for medical professionals that comes with a color display, 3-lead ECG monitoring capability, and manual defibrillation override.

Features

- Rescue Ready technology to self-test all main components (battery, hardware, software, and pads) daily. It completes a partial charge of the high-voltage electronics weekly, and a full charge monthly.
- Calculates electrical impedance and if subsequent shocks are necessary, the STAR biphasic technology escalates the energy to deliver therapy at an appropriate, higher level.
- Rechargeable and non-rechargeable battery options.
- The color ECG displays the victim's heart rate, waveform, number of shocks delivered, and the elapsed rescue time — exactly what emergency workers need to know.
- Warranty: A 7-year warranty on the AED.

Benefits

- *Reliable.* The Powerheart AED G3 Pro is Rescue Ready when needed.
 - *Comprehensive.* The semi-automatic operation, manual override option, and 3-lead ECG monitoring capability give you the tools you need to be in complete control.
 - *Easy to read.* The color ECG display (an industry first) shows critical patient information.
 - *Guidance.* The built-in metronome (which can be switched off) can set the pace for CPR compressions.
 - *Reassuring.* In AED mode, the device knows when to (and when not to) deliver a defibrillation shock.
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SPECIFICATION SHEET

Operations:	Semi-automatic with manual override
Waveform:	STAR® 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:	Clear, concise voice prompts guide user through the rescue
Visible indicators:	Rescue Ready status indicator
Audible alerts:	Voice prompt, system alert
Synchronized shock:	Built-in automatic synchronization feature
Pacemaker pulse detection:	Yes
Programmable:	Yes, via MDLink®
Paediatric capability:	Yes
Warranty:	7 years
Control buttons:	Shock button and manual override
Display content:	Displays written instructions to guide user through rescue process, SmartGauge battery status indicator, service indicator, pad indicator, text display, ECG display
Display specifications:	3.5 in (8.9 cm) diagonal transreflective TFT display with 320 x 240 pixels (quarter VGA). Resolution is 113.5 dots/in (4.47 dots/mm)
PADS	
Minimum combined surface area:	35.3 sq in (228 cm ²)
Extended length of lead wire:	4.3 ft (1.3 m)
Supplied:	Self-checking, pre-connected to the AED
Type:	Adult, pre-gelled, self-adhesive, disposable, defibrillation pads
Shelf life:	2 years
BATTERY	
Type:	9145 IntelliSense® lithium battery
Warranty:	1-year, or 12 hours of use whichever occurs first
Type:	9144 rechargeable battery
Warranty:	1-year

AUTOMATIC SELF-TESTS

Daily:	Battery, pads (presence and function), internal electronics, SHOCK/CONTINUE button, and software
Weekly:	Battery, pads (presence and function), internal electronics, partial energy charge, SHOCK/CONTINUE button, and software
Monthly:	Battery, pads (presence and function), internal electronics, full energy charge cycle, SHOCK/CONTINUE button, and software

EVENT DOCUMENTATION

Type:	Internal memory
Internal memory:	60 minutes ECG data with event annotation, multiple rescue functionality
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

DIMENSIONS

(H x D x W):	3.3 in x 12.4 in x 10.6 in (8 cm x 31 cm x 27 cm)
WEIGHT:	6.6 lb (3.1 kg)

MODEL NUMBERS

9300P-501:	Powerheart AED G3 Pro Automated External Defibrillator Each AED package includes: (1) defibrillator, (1) IntelliSense battery (9145), (1) pair of defibrillation pads, and (1) Quick Start Tool Kit: includes Quick Start Guide, CDROM with AED Manual, Training Video, Rescuelink and MDLink
9300P-601:	Powerheart AED G3 Pro Automatic External Defibrillator with Rechargeable Battery. Battery charger sold separately Each AED package includes: (1) defibrillator, (1) Rechargeable Battery (9144), (1) pair of defibrillation pads, and (1) Quick Start Tool Kit: includes Quick Start Guide, CD-ROM with AED Manual, Training Video, Rescuelink and MDLink

Supplied by MediSafe Ltd

MediSafe Ltd · Kings Worthy House · London Rd · Kings Worthy · Winchester · SO23 7QA
Tel: 01962 885777 · **Fax:** 01962 885678 · **Email:** sales@medisafe.org.uk
Web: www.medisafe.org.uk