

Powerheart G5

ZOLL®

Experienced rescuers and first-time responders will appreciate how the Powerheart® G5 AED combines ease of use, reliability and advanced technology to help victims survive sudden cardiac arrest. The Powerheart G5 AED is the only AED to combine real-time CPR feedback with dual-language functionality and user-paced rescue prompting. It also performs automatic self-testing to ensure the device is always Rescue Ready®. Bystanders will be able to act quickly and confidently in a sudden cardiac arrest emergency.



Category	Technology	Powerheart® G5	Schiller Fred PA-1 / Fred PA-1 Online
AED	Integrated real-time CPR feedback	Yes, Intellisense™ CPR (ICPR) feedback with: <ul style="list-style-type: none"> • Distinct voice and corrective CPR prompts for rate and depth • Configurable metronome • CPR cycle timer 	No integrated real-time CPR feedback, impedance-based rate feedback with prompts to push faster or slower
	Instructive prompts	RescueCoach® provides user-paced instructive voice and text prompts that guide the rescuer to the correct action	Instructive voice prompts guiding through the rescue
	Pre-shock pause	<10 seconds*	<20 seconds
	Display (format/type)	Monochrome LCD	None
	Paediatric capabilities	Yes	Yes, uses paediatric electrodes to move to paediatric mode
	Paediatric-specific energy delivery	Energy levels (VE): 22 J to 82 J	Energy levels: 50, 50, 50 J
	Electrodes	Intellisense™ CPR electrodes for adults Intellisense™ electrodes for paediatrics	Adult and paediatric electrodes
	Electrodes: Paediatric weight/age range	<25kg or <8 years old	<25kg or <8 years old
	Data recording and storage	Multiple cases, 90 total minutes of event and ECG data	120 minutes of ECG storage
	Languages	Dual-language button with rescue prompts and CPR feedback	Three-language button
	Device data export/import	USB port, USB Cable (import/export)	SD Card (export) and GSM
	FDA Pre-market approval (PMA)	Yes	No

*High-amplitude VF, all other rhythms are 15 seconds

Category	Technology	Powerheart® G5	Schiller Fred PA-1 / Fred PA-1 Online
Readiness	Self-test frequency	Daily	Daily or weekly
Managing Device Readiness	Device management software (cloud-based)	PlusTrac®	LifeDataNet G2
	iOS/Android app for device checks	CheckAED™ mobile app	Yes
	Consumable tracking	Yes	Yes
	Responder/training tracking	Yes	No
Clinical Data Management	Case management software	AED Manager	No
Consumables	Electrode shelf life	Powerheart G5 Intellisense CPR electrodes, adults: 2 years Powerheart G5 AED Intellisense electrodes, paediatrics: 2 years	Adult electrodes: 2 years Paediatric electrodes: 2 years
	Battery standby (installed)	Intellisense® battery: 4 years standby life	Up to 6 years standby life