












# AED Comparison Chart

Updated: 09/19/2023

Features as reported in FDA-regulated User Manuals and other published marketing & technical materials

Manufacturer:	Philips		Zoll	Physio-Control		Cardiac Science		Defibtech		HeartSine Samaritan	
	Heartstart Onsite Semi-Auto	Heartstart FRx Semi-Auto	AED Plus w/ CPR-D Padz Auto/Semi-Auto	AED 3 Auto/Semi-Auto	CR2 Auto/Semi-Auto	LifePak 1000 Auto/Semi-Auto	Powerheart G5 Auto/Semi-Auto	Lifeline Auto/Semi-Auto	Lifeline View Auto/Semi-Auto	350P/360P Semi-Auto/Auto	450P Auto
											

## Rescuer Support Features

Graphical Display of Rescue Steps	NO	NO	YES	YES	NO	NO	YES	NO	YES	NO	NO
User-paced prompts	YES	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO
CPR Coaching	YES	YES	YES	YES	YES	NO	YES	NO	YES	YES	YES
CPR Metronome	YES	YES	YES (Adaptive)	YES	YES	YES	YES	YES	YES	YES	YES
CPR Feedback	NO	NO	YES	YES	YES	YES	YES	NO	NO	NO	YES (Rate Only)
Text Display of Rescue Prompts	NO	NO	YES	YES	NO	YES	YES	NO	YES	NO	NO
Bi-Lingual	NO	NO	NO	YES	YES	NO	YES	NO	NO	NO	NO

## Self-Testing & Environmental Features

Self-Test Interval	Daily	Daily	Weekly	Weekly (Adjustable)	Daily	Daily	Daily	Daily	Daily	Weekly	Weekly
Automated Self-Tests	Battery, electronics & pads for presence and function	Battery, electronics & pads for presence and function	Battery, electronics & pads for presence and function	Battery, electronics & pads for presence and function	Battery, electronics & pads for presence and function	Battery, electronics & pads for presence and function	Battery, electronics & pads for presence and function	Battery, electronics & pads for presence and function	Battery, electronics & pads for presence and function	Battery, electronics & pads for presence and function	Battery, electronics & pads for presence and function
Status indicator	Visible & Audible	Visible & Audible	Visible & Audible	Visible & Audible	Visible & Audible	Visible & Audible	Visible & Audible	Visible & Audible	Visible & Audible	Visible & Audible	Visible & Audible
IP Rating (dust/water protection)	IP21	IP55	IP55	IP55	IP55	IP55	IP55	IP54	IP55	IP56	IP56
Manufacture recommended inspection	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Periodically	Daily	Daily	Weekly	Weekly
Operating Temperature	32° - 122° F	32° - 122° F	32° - 122° F	32° - 122° F	32° - 122° F	(-4°) - 140°	32° - 122° F	32° - 122° F	32° - 122° F	32° - 122° F	32° - 122° F
Standby Temperature	50° - 109° F	32° - 122° F	(-22°) - 158° F	(-22°) - 158° F	59° - 95° F	(-22°) - 144°	68° - 86° F	32° - 122° F	32° - 122° F	32° - 122° F	32° - 122° F

## Defibrillation Features

Defibrillation Energy Type & Range	Fixed, Non-Escalating, 150J	Fixed, Non-Escalating, 150J	Fixed Energy, Escalating 120J, 150J, 200J	Fixed Energy, Escalating 120J, 150J, 200J	Configurable Energy Level, 150J, 200J, 300J, 360J	Escalating 360J	Variable Energy, Escalating 95J - 354J	Fixed, Non-Escalating, 150J	Fixed, Non-Escalating, 150J	Fixed, Escalating, 150J, 200J	Fixed, Escalating, 150J, 200J
Battery Expiration Notification	NO	NO	NO	NO	YES (if connected w/ Lifelink)	NO	NO	NO	NO	NO	NO
Pads Expiration Notification	NO	NO	NO	NO	YES (if connected w/ Lifelink)	NO	NO	NO	NO	NO	NO

## Data

Internal Memory	YES	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES
Download Data	Infrared/USB	Infrared/USB	Infrared/USB	USB/WiFi	USB/WiFi/Cellular Network	WiFi/Infrared	USB	Data Card/Reader	Data Card/Reader/USB	USB	USB
Memory recording time	15 mins	15 mins	20 mins	120 mins	60 mins, 2 Rescues	17 Hours	90 mins, Multiple Rescues	Depends on Card Size	Depends on Card Size	90 mins	90 mins

## Warranties & Accessory Life

Device Warranty	8 Years	8 Years	5 Years (7 Yrs if registered with Zoll)	6 Years (8 Yrs if registered with Zoll)	8 Years	5 Years	8 Years	8 Years	8 Years	8 Years	8 Years
Battery Life (typical)	4 Years	4 Years	5 Years	5 Years	4 Years	4 Years	4 Years	5 Years (7-Year battery optional)	4 Years	4 Years	4 Years
Adult Electrodes Life (typical)	2 Years	2 Years	5 Years (CPR-D Padz)	5 Years	4 Years	2 Years	2 Years	2 Years	2 Years	4 Years	4 Years
Pediatric Function	Ped Pads, 2 Year Lifespan	Pediatric Key (no expiration)	Ped Pads, 2 Year Lifespan	Child Button	Child Button	Ped Pads, 2 Year Lifespan	Ped Pads, 2 Year Lifespan	Ped Pads, 2 Year Lifespan	Ped Pads, 2 Year Lifespan	Ped Pad-Paks 4 Year Lifespan	Ped Pad-Paks 4 Year Lifespan