



Medtronic

LIFEPAK® CR Plus AED Versus Powerheart® AED G3 AED Product Comparison

**Medtronic
LIFEPAK CR Plus AED**



**Cardiac Science
Powerheart AED G3**



How Easy is the AED to Use?

Rated "superior overall" in intuitiveness and ease of use by an independent team of usability experts

Yes¹

No¹

Visual indication that electrodes are making proper contact

Yes

No

Patient data is lost if lid is accidentally closed

No

Yes, after 15 seconds²

Patient data is lost if battery/CHARGE-PAK™ battery charger is removed

No

Yes, if not replaced in 60 seconds²

Innovative data transfer via IrDA port

Yes

No

Weight

4.4 lbs

7.8 lbs

Text display can distract rescuer from patient

No

Yes

How Advanced is the AED's Technology?

Highest first shock defibrillation success rate in difficult to defibrillate conditions among four AEDs with biphasic waveforms

Yes³

No³

Electrodes designed to fit ALS defibrillators used by most EMS paramedic teams

Yes

No

ALS/EMS advanced defibrillator available for patient handoff

Yes

No

Adapter to connect the LIFEPAK 12 defibrillator

Not required

\$149⁴

Replacement battery and two sets of electrodes

\$99

\$482.90⁴

Estimated time low battery indicator is lit before complete power loss

24 months

1 week²

Is the AED Easy and Economical to Own?

Battery (CHARGE-PAK battery charger) and electrode expiration dates match, minimizing maintenance time and inventory costs

Yes

No

Cost of training unit and number of electrodes

\$325 with carrying case and 5 sets electrodes

\$495 without carrying case and 1 set electrodes⁴

Needs to be programmed before use on pediatric patients

No

Yes

Same AED for children can be used as an escalating, full-energy device for adults

Yes⁵

No, limited to fixed 200J²

Validated, Web-based refresher AED training with automatic tracking

Yes

No

AED users should be trained in CPR and use of the AED. Please consult your physician. A prescription is required. For more information contact Medtronic at 1.800.442.1142.

¹ Human Factors International, Expert review of five commercially available AEDs for intuitiveness and ease of use, May, 2003

² Powerheart AED G3 Operating Instructions

³ Walker, R.G., Melnick, S.B., Chapman, F.W., Walcott, G.P., Schmitt, G.P., Ideker, R.E. 2003. Comparison of six clinically used external defibrillators in swine. *Resuscitation*, Vol. 57: 1: 73-83

⁴ Cardiac Science USA Price List AED Product Line - 2004

⁵ When using Infant/Child Reduced Energy Defibrillation Electrodes