



## LIFELINE AED Semi-automatic Defibrillator

- Pre-connected pads**
- 
- 5 year/125 shock standard battery**
- 
- 7 year/300 shock battery available**
- 
- 8 year warranty**
- 
- Biphasic defibrillator**
- 
- Daily auto self-test**
- 
- Rubberised surfaces**
- 
- Shock/drop tested**
- 
- Rated for dust protection (IP5X)**
- 
- Rated for water protection (IPX4)**
- 
- On unit pad storage**
- 
- Paediatric pads available**
- 
- Free event review software**
- 
- Compatible with all frontline emergency ambulance defibrillators**

It can strike anyone, anywhere, at any time, and in most cases without warning. Now there is something you can do to improve the survivability of sudden cardiac arrest with a solution that is both easy to use and extremely affordable. Defibtech has designed a revolutionary new semi-automatic external defibrillator from the ground up.

Technologically advanced enough to include all mission critical features necessary to provide the most advanced treatment for Sudden Cardiac Arrest. Yet so simple and unimposing to use that even non-medical personnel can effectively save lives.

The Lifeline AED was developed by experienced multidisciplinary engineering teams and incorporates state-of-the-art digital signal processing techniques and advanced ECG analysis algorithms.

This enables the device to exceed the American Heart Association performance recommendations, giving the user confidence that the correct therapy is being delivered.

The Lifeline AED defibrillator uses advanced biphasic technology, including the most studied biphasic shock waveform and automatically adjust the shock delivery to the person's individual needs.

For first response professionals like occupational first aiders, fire and ambulance, the Lifeline AED is standard equipment. For schools, offices, stores, shopping centres, factories, and public places, it's becoming as vital as the fire extinguisher.

# LIFELINE AED Semi-automatic Defibrillator technical specifications

## Defibrillator

### TYPE

Semi-automatic external defibrillator

### MODEL

DDU-100A

### WAVEFORM

Biphasic Truncated Exponential (Impedance compensated)

### ENERGY

150-Joules (nominal into 50 ohm load)

### CHARGE TIME

Less than 6 seconds (DBP-2800 battery)  
Less than 9 seconds (DBP-1400 battery)

### SHOCK-TO-SHOCK CYCLE TIME

Less than 20 seconds (typical, includes analysis and charging time)

### VOICE PROMPTS

Extensive voice prompts guide user through operation of the unit

### CONTROLS

-Lighted On/Off button  
-Lighted Shock button

### INDICATORS

-“check pads”  
-“do not touch patient”  
-“analyzing”  
-“AED status LED

## Patient Analysis System

### PATIENT

Automatically evaluates patient impedance for proper pad contact. Monitors signal quality and analyzes patient ECG for shockable/non-shockable rhythms

### SENSITIVITY

Meets AAMI-DF-39 specifications and American Heart Association recommendations

## Battery Pack

### MODEL DBP-2800

### POWER

15V, 2800 mAh

### CAPACITY (new)

-300 shocks or 16 hours continuous operation

### STANDBY-LIFE

-7 years

### MODEL DBP-1400

### POWER

15V, 1400 mAh

### CAPACITY (new)

-125 shocks or 8 hours continuous operation

### STANDBY-LIFE

-5 years

## Self Tests

### AUTOMATIC

Automatic daily, weekly and monthly circuitry test

### BATTERY

System integrity test on battery insertion

### USER-INITIATED

Unit and battery pack system test initiated by the user

### STATUS INDICATION

Visual and Audible indication unit status

Details and specifications in this brochure are subject to change without notice.



[www.defibtech.com.au](http://www.defibtech.com.au)

## Defibrillation / Monitoring Pads

### MODEL

DDP-100

### TYPE

Single-use, disposable, self-adhesive electrodes with cable connector

### SURFACE AREA

103 cm<sup>2</sup> (normal, each pad)

### PAD PLACEMENT

Anterior- Anterior

### CABLE LENGTH

48 in (122cm)

## Event Documentation

### INTERNAL EVENT RECORD

Critical ECG segments and rescue event parameters are recorded and can be downloaded to a removable data card

### PC-BASED EVENT REVIEW

ECG with event tag display, and audio playback when available. Software provided free.

### REMOVABLE STORAGE

(optional) Up to 12 hours of ECG and event data storage (no audio option) or up to 1:40 of audio, ECG and event storage (audio option) on a removable data card. Actual length of storage is dependent on card capacity

## Environmental

### TEMPERATURE

Operating / Standby: 0-50 C (32-122 F)

### RELATIVE HUMIDITY

Operating / Standby: 5% - 95% (non-condensing)

### ALTITUDE

-500 to 15,000 ft (-150 to 4500 m) per MIL-STD-810F 500.4 Procedure II

### VIBRATION

Ground (MIL-STD-810F 514.5 Category 20)

Helicopter (RTCA/DO-160D, Section 8.8.2, Cat R, Zone 2, Curve G)

Jet Aircraft (RTCA/DO-160D, Section 8, Cat H, Zone 2, Curves B & R)

### SHOCK / DROP ABUSE TOLERANCE

MIL-STD-810F 516.5 Procedure IV (1 meter, any edge, corner, or surface, in standby mode)

### SEALING / WATER RESISTANCE

IEC60529 class IP54; Splash Proof, Dust Protected with battery pack installed

### ESD

EN61000-4-2: 1998, (open air up to 8kV or direct contact up to 6kV)

### EMC (Emission)

EN60601-1-2 limits (1993), method EN55011 : 1998 Group 1 Level B

### EMC (Immunity)

EN60601-1-2 limits (1993), method EN61000-4-3: 1998 Level 3 (10V/m)

## Physical

### SIZE

8.5 x 11.8 x 2.7 inches (22 x 30 x 7 cm)

### WEIGHT

DBP-1400: 4.2lbs (1.9 kg)  
DBP-2800: 4.4lbs (2.0 kg)

**defibtech**   
Life-saving Technology Within Reach