

# Defibtech Lifeline AED Semi Package 7 Year

## TECHNICAL SPECIFICATIONS



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**DCF-E100**  
**With 7 year battery**  
**AED Model: DDU-100**  
**Battery Model: DBP-2800**

### DEFIBRILLATOR

#### TYPE

Semi-automatic external defibrillator

#### MODEL

DDU-100A, DDU-100E

#### WAVEFORM

Biphasic Truncated Exponential  
(Impedance compensated)

#### ENERGY

Adult: 150 Joules  
 Child / Infant: 50 Joules  
 (Nominal into 50 Ohm load)

#### CHARGE TIME\*

4 seconds or less  
 (from shock advised)

#### VOICE PROMPTS

Extensive voice prompts guide  
 user through operation of the unit

#### CPR PACING

Metronome

#### CONTROLS

Lighted On/Off button  
 Lighted Shock button

#### INDICATORS

- "check pads"
- "do not touch patient"
- "analyzing"
- AED Status LED

#### RESCUE PROTOCOL

AHA/ERC (default);  
 supports protocol updates

\*Typical, with new battery at 25°C

### PATIENT ANALYSIS SYSTEM

#### PATIENT ANALYSIS

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

#### SENSITIVITY/SPECIFICITY

Meets or exceeds  
 IEC-60601-2-4 requirements;  
 meets AAMI DF80 requirements  
 and AHA recommendations

### BATTERY PACK

<b>MODEL DBP-2800</b>
<b>POWER</b> 15VDC, 2800 mAh
<b>CAPACITY</b> 300 shocks or 16 hours continuous operation*
<b>STANDBY LIFE</b> 7 years (installed in AED with 9V ASI battery)*

#### TYPE

Lithium/Manganese Dioxide  
 Disposable, recyclable,  
 non-rechargeable

#### LOW BATTERY INDICATORS

Visible  
 Audible

\*Typical, with new battery at 25°C

### SELF TESTS

#### AUTOMATIC

Automatic daily, weekly, monthly  
 and quarterly circuitry tests

#### BATTERY INSERTION

System integrity test on  
 battery insertion

#### PAD PRESENCE

Pads preconnected tested daily

#### USER-INITIATED

Unit and battery pack system  
 test initiated by the user

#### STATUS INDICATION

Visual and audible indication  
 of unit status

### DEFIBRILLATION / MONITORING PADS

#### MODEL

Adult: DDP-100  
 Child / Infant: DDP-200P

#### TYPE

Pre-connected, single-use,  
 non-polarized, disposable,  
 self-adhesive electrodes with  
 cable and connector

#### SURFACE AREA\*\*

Adult: 16 inches<sup>2</sup> (103 cm<sup>2</sup>)  
 Child / Infant: 7.75 inches<sup>2</sup> (50 cm<sup>2</sup>)

\*\*Nominal, each pad

### 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

#### REMOVABLE STORAGE

(optional) Up to 12 hours of ECG  
 and event data storage (no audio  
 option) or up to 1 hour and 40  
 minutes of audio (audio option).  
 ECG and event storage on a re-  
 movable data card. Actual length  
 of storage is dependent on card  
 capacity.

### ENVIRONMENTAL

#### TEMPERATURE

Operating: 0 to 50°C (32 to 122°F)  
 One Hour Operating Temperature  
 Limit (extreme cold):  
 -20°C (-4°F)\*\*

Standby: 0 to 50°C (32 to 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

IEC 60529 class IP54;  
 Dust Protected, Splash Proof  
 (battery pack installed)

#### ESD

EN 61000-4-2  
 (15kV or direct contact up to 8kV)

#### EMC (Emission)

EN 55011 Class B Group 1  
 and FCC Part 15

#### EMC (Immunity)

EN 61000-4-3 (20V/m)

\*\*\*From room temperature to  
 temperature extreme,  
 one hour duration

### PHYSICAL

#### SIZE

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

#### WEIGHT (Approximate)

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

DAC-A704-EN-BB  
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\*Specifications subject to change without notice