

Defibtech Lifeline AED Semi Package 5 Year

TECHNICAL SPECIFICATIONS



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DCF-E100
With 5 year battery
AED Model: DDU-100
Battery Model: DBP-1400

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

MODEL DBP-1400
POWER 15VDC, 1400 mAh
CAPACITY 125 shocks or 8 hours continuous operation*
STANDBY LIFE 5 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 inches² (103 cm²)
 Child / Infant: 7.75 inches² (50 cm²)

**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