Lifeline PRO Semi-Automatic Defibrillator with Manual Override

TECHNICAL SPECIFICATIONS

OPERATING MODES

AED MODE: High resolution video display (animated instructions and CPR coaching).
ECG MONITOR MODE: Displays ECG data and event information (with 3-lead electrodes).

MANUAL MODE: Displays ECG data and event information and defibrillation energy selection from 25-200 Joules with charge, shock and disarm control.

DEFIBRILLATOR

TYPE
Semi-Automatic external defibrillator

MODEL
DDU-2400

WAVEFORM
Impedance Compensated Biphasic Truncated Exponential

ENERGY*
AED Mode:
Adult: 150 Joules
Child / Infant: 50 Joules
Manual Mode:
Adult: User selectable from 25-200 Joules
Child/Infant: User selectable from 25-100 Joules (50 Joules only when using DDP-2002 attenuating defibrillation pads)

CHARGE TIME
AED Mode:
4 seconds or less (from shock advised)**
Manual Mode:
9 seconds or less (150 Joules)***
12 seconds or less (200 Joules)***

DEFIBRILLATION / MONITORING PADS

BATTERY PACKS

MODEL
DBP-2003, DBP-2013 (aviation)

POWER
12V, 2800 mAh

TYPE
Lithium/Manganese Dioxide
Disposable, recyclable, non-rechargeable

LOW BATTERY INDICATORS
Visible
Audible

ENVIRONMENTAL

TEMPERATURE
Operating: 0 to 50°C (32 to 122°F)
Standby: 0 to 50°C (32 to 122°F)

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

ALTIMETER
-500 to 15,000 ft (-150 to 4500 m)

SHOCK / DROP ABUSE TOLERANCE
MIL-STD-810F 516.5 Procedure IV

SEALING / WATER RESISTANCE
IEC60529 class IP55; Dust protected; Protected against water jets (battery pack installed)

CRUSH TEST
1,000 pounds (450 kg)

ESD
IEC 60601-4-2: (Open air up to 15kV or direct contact up to 8kV)

EMC (Emission)
CISPR 11 Group 1 Level B and FCC Part 15

EMC (Immunity)
IEC 61000-4-3 and IEC 61000-4-8

DEFIBRILLATION / MONITORING PADS

MODEL
Adult: DDP-2001

SURFACE AREA*
Adult: 77 cm²
Child / Infant: 50 cm²

* nominal, each pad

BATTERY PACKS

CAPACITY*
125 shocks or 8 hours continuous operation

STANDBY LIFE*
4 years

STANDBY LIFE*
4 years

LOW BATTERY INDICATORS
Visible
Audible

*Typical, with new battery at 25°C

SPECIAL FEATURES

- On-screen text prompts
- Full motion video
- On-demand video help
- Video and voice coaching
- CPR coaching
- Extensive voice prompts guide user through operation of the unit
- PATIENT ANALYSIS SYSTEM
- Automatically evaluates patient impedance for proper pad contact. Monitors signal quality and analyzes patient ECG for shockable/non-shockable rhythms.

EVENT DOCUMENTATION

INTERNAL EVENT RECORD
Critical ECG segments and rescue event parameters are recorded (greater than 60 minutes) and can be downloaded to a removable data card

PC-BASED EVENT REVIEW
EGG with event tag display, and audio playback when available

REMOVABLE STORAGE
( optional) Up to 30 hours of ECG and event data storage (no audio option) or up to 3 hours of audio (audio option). ECG and event storage on a removable data card. Actual length of storage is dependent on card capacity.

USB PORT
Event download and maintenance operations

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

STATUS SCREEN
Unit self test results
Pads and battery information (status and expiration)

BATTERY SPECIFICATIONS

TYPE
DDU-2400

POWER
12V, 2800 mAh

CAPACITY*
125 shocks or 8 hours continuous operation

COACHING
Video and voice coaching

POWER SOURCE
Internal battery

DISPLAY
High-resolution color LCD

CONTROLS
Lighted On/Off button
Lighted Shock button

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