



defibtech

The Defibtech Lifeline AED



38N654 / 38N655
(AED only shown)

Sudden Cardiac Arrest (SCA) is the abrupt loss of heart function in a person who may or may not have diagnosed heart disease. Each year, sudden cardiac arrest strikes more than 400,000 people - and without intervention, less than 8% of victims survive. In fact, it is one of the leading causes of death in North America, affecting people of all ages anytime and anywhere.

If CPR and defibrillation from an automated external defibrillator (AED) occur within 3 minutes of sudden cardiac arrest, chances of survival can increase to 75%. AED technology is so powerful that most CPR training courses routinely include a section on using AEDs.

Built to exacting medical standards, the Defibtech Lifeline AED includes all mission critical features necessary to provide the most advanced treatment for sudden cardiac arrest. Yet it's so simple and unthreatening to use, even non-medical personnel can use it, thereby significantly increasing a victim's chance of survival.

Lifeline AED Packages

Grainger No.	Defibtech No.	Package Contents
38N654	DCF-A100RX-EN	Defibtech Lifeline AED Standard Package: Lifeline AED, 5-Year Battery w/ 9V Lithium Battery, Adult Pads, User Manual, Quick Use Card and Prescription Coupon
38N655	DCF-A110RX-EN	Defibtech Lifeline AED w/ Hi-Capacity Battery Package: Lifeline AED, 7-Year Battery w/ 9V Lithium Battery, Adult Pads, User Manual, Quick Use Card and Prescription Coupon
24VL57	CCPRX-0001	Defibtech Lifeline AED Starter Kit: DCF-A100EN AED Package, DAC-220 AED Cabinet, DAC-420 CPR Rescue Pack, DAC-230 AED Wall Sign.

Lifeline AED Accessories

Grainger No.	Defibtech No.	Description
LIFELINE AED BATTERIES		
38N657	DCF-200	Lifeline Standard 5-Year Battery Pack
38N658	DCF-210	Lifeline High Capacity 7-Year Battery Pack
38N660	DAC-410	9 Volt Lithium Battery Pack for Lifeline AEDs
LIFELINE AED PADS & ADAPTERS		
38N661	DDP-100	Lifeline AED Adult Pad Package
38N662	DDP-200P	Lifeline AED Pediatric Pad Package
38N688	DAC-300E	Lifeline AED Medtronic Physio Control Pad Adapter
38N689	DAC-310E	Lifeline AED Zoll Pad Adapter

Lifeline AED Training Accessories

Grainger No.	Defibtech No.	Description
LIFELINE AED TRAINING PACKAGES		
38N705	DCF-A350T-EN	Lifeline AED Trainer AED Package
38N703	DCF-A302T-EN	Lifeline AED Training Conversion Kit
38N704	DCF-A303T-EN	Lifeline AED Training Conversion Kit with Remote
LIFELINE AED TRAINING ACCESSORIES		
38N698	DCF-DBP-RC2	Lifeline AED Rechargeable Training Battery Pack
38N699	DTR-201	Lifeline Training Battery Charger
38N702	DTR-400	Lifeline AED Training Remote Control
38N701	DTR-301	Lifeline AED Training Software
LIFELINE AED TRAINING PADS		
38N665	DDP-101TR	Lifeline AED Training Pad Pack
38N666	DDP-105TR	Lifeline AED Training 5-Pad Pack
38N667	DDP-201TR	Lifeline AED Pediatric Training Pad Pack
38N668	DDP-205TR	Lifeline AED Pediatric Training 5-Pad Pack
LIFELINE AED TRAINING CARRY CASE		
38N676	DAC-101	Lifeline AED Red Soft Trainer AED Carry Case

Grainger No.	Defibtech No.	Description
DATA CARDS & READER		
38N671	DDC-12	Lifeline AED Large Capacity Data Card
38N672	DDC-100AE	Lifeline AED Large Capacity Data Card with Audio
38N674	DDC-CR2	Defibtech AED Data Card DOC Card Reader

Grainger No.	Defibtech No.	Description
LIFELINE AED CARRY CASES		
38N675	DAC-100	Lifeline AED Black Soft AED Carry Case
38N677	DAC-110	Lifeline AED Black Hard AED Carry Case
38N678	DAC-111	Lifeline AED Yellow Hard Deluxe AED Carry Case

General AED Accessories

Grainger No.	Defibtech No.	Description
AED WALL CABINETS		
38N680	DAC-200	Wall-Mount AED Bracket
38N681	DAC-210	Wall-Mount AED Cabinet
38N682	DAC-220	Wall-Mount AED Cabinet with Alarm
AED SIGNAGE		
38N683	DAC-230	AED 3-Way Wall Sign
38N684	DAC-231	AED 2-Way Wall Sign
38N685	DAC-232	AED Left Arrow Sign
38N686	DAC-233	AED Right Arrow Sign
38N687	DAC-234	AED Wall Sign, 8½ x 11
38N693	DAC-801	AED Inspection Tag
38N694	DAC-802	AED Vehicle Sticker
38N695	DAC-803	AED Facility Sticker
38N696	DAC-804	CPR-AED Trained Decal, 2¼"
38N697	DAC-805	CPR-AED Trained Decal, 4"
RESCUE ACCESSORIES		
38N692	DAC-420	CPR Rescue Pack with CPR Mask, Eye Shield, and Towel

defibtech Lifeline AED Semi-Automatic Defibrillator

TECHNICAL SPECIFICATIONS†

Defibrillator

TYPE

Semi-automatic external defibrillator

MODEL

Lifeline AED

WAVEFORM

Biphasic Truncated Exponential
(Impedance compensated)

ENERGY

Adult: 150 Joules
Pediatric: 50 Joules
(Nominal into 50 Ohm load)

CHARGE TIME*

7-year battery: Less than 6 seconds
5-year battery: Less than 9 seconds

VOICE PROMPTS

Extensive voice prompts guide user through operation of the unit and CPR

CPR PACING

Metronome

CONTROLS

Lighted On/Off button
Lighted Shock button

INDICATORS

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

*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

Exceeds AAMI-DF-39 specifications and AHA recommendations

Battery Pack

MODEL: 38N658 (DCF-210)	MODEL: 38N657 (DCF-200)
POWER 15V, 2800 mAh	POWER 15V, 1400 mAh
CAPACITY 300 shocks or 16 hours continuous operation*	CAPACITY 125 shocks or 8 hours continuous operation*
STANDBY LIFE 7 years*	STANDBY LIFE 5 years*

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 may also be initiated by the user

STATUS INDICATION

Visual and audible indication of unit status

Defibrillation/Monitoring Pads

MODEL

Adult: **38N661** (DDP-100)
Child/Infant: **38N662** (DDP-200P)

TYPE

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

SURFACE AREA

103 cm² (nominal, each pad)
50 cm² (nominal, each pad)

PAD PLACEMENT

Adult – Anterior/Anterior
Child/Infant – Anterior/Posterior

CABLE LENGTH (typical)

48 in (122 cm)

Event Documentation

INTERNAL EVENT RECORD

ECG data 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 2 hours 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:
0 to 50°C (32 to 122°F)
Standby (with battery installed):
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;
Splash Proof, Dust Protected (Battery Pack installed)

ESD

EN 61000-4-2:2009 (open air up to 15kV or direct contact up to 8kV)

EMC (Emission)

EN 60601-1-2:2001 +A1:2006, limits EN 55011:1998 +A1:1999 +A2:2002 Group 1 Level B, method

EMC (Immunity)

EN 60601-2-4:2003, limits EN 61000-4-3:2002 Level 3 (10V/m), method

Physical

SIZE

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

WEIGHT (Approximate)

With 5-year battery: 4.2 lbs (1.9 kg)
With 7-year battery: 4.4 lbs (2.0 kg)

†Specifications subject to change without notice

For more information, contact your
Grainger Representative or visit **Grainger.com®**
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Rx ONLY



DAC-A755-EN-BC

ELECTRONIC DISTRIBUTION

AVAILABLE THROUGH

GRAINGER®

FOR THE ONES WHO GET IT DONE