

SMARTY[®]
SAVERSERIES



SMART DESIGN
SMART TECHNOLOGY
SMARTY SAVER





**REDUCED
DIMENSIONS
&
INTUITIVE USE**

**INSTANT
SWITCH
ADULT/CHILD
MODE**

**FULLY
AUTOMATIC
OR
SEMI-AUTOMATIC
OPERATION**

**IP 56
DUST/ WATER
RESISTANCE**

**FAST SHOCK
ADMINISTRATION
9 SECONDS**

WITHIN EVERYONE'S REACH!

The best portable AED (Automated External Defibrillator) conceived for a **quick and simple treatment** of the Sudden Cardiac Arrest (SCA) and to assist in delivering the Cardiopulmonary Resuscitation (CPR).

The Smarty Saver Series is AMI Italia latest defibrillators line that meets all the requirements of a modern AED: designed to **reliable, simple and easy to use by anyone, whether they are trained or not.**

Even in the best of circumstances, an emergency medical response cannot respond as quickly as a bystander with access to an AED. The **lightweight and portability**, thanks to the **folding handle**, the compactness and its **catchy look**, are conceived to meet the "gold standard" for early defibrillation in public large areas.

Last but not least, the **advanced electronic** guarantees the best functionality which you would expect from an average sized AED, although it's confined in a **very small case.**



KEY FEATURES:

- Reduced dimensions (fitting an A4 sheet!)
- Practical folding handle
- Audio and visual signals for users
- Guidance through voice prompt and metronome
- Universal preconnected electrodes
- BTE waveform defibrillation with shocks $\leq 200J$

ADVANCED FEATURES:

- Smarty Saver Plus: CPR quality feedback in real time
- Smarty Saver Geo: CPR quality feedback in real time + access to Amisavercloud Platform

SMARTY SAVER SMART DESIGN & SMART TECHNOLOGY FOR A MODERN AED!



Compliant to latest ERC/AHA guidelines



LIGHTWEIGHT
AND CATCHY



INSTANT SWITCH
FROM ADULT TO PAEDIATRIC MODE
WITH UNIVERSAL ELECTRODES



BTE WAVEFORM DEFIBRILLATION
WITH SHOCKS $\leq 200\text{J}$

The basic model of the Smarty Saver Series line, very affordable and easy to use. Reliable and durable (1meter drop test - dustproof and waterproof resistance IP rate 56) capable of tackling challenges in various severe environments.

It can be easily operated by anyone in the medical field (e.g. ambulance, emergency room, etc.) and non-medical field too (e.g. public or private places).

It allows to deliver one or more defibrillating shocks on adult or paediatric patients affected by ventricular fibrillation or ventricular tachycardia, by means of a thorax impedance-compensated, biphasic truncated exponential discharge (BTE).

The **Semi-Automatic model** analyses the patient's ECG and if a shockable rhythm is detected it automatically starts charging the reservoir capacitor. The AED vocal message will suggest the operator to press the shock button to deliver the defibrillating shock.

The phase following the defibrillation, that is the Cardiopulmonary Resuscitation, will be guided by voice prompts and the metronome marking the various cycles of compressions and insufflations.

The **Fully Automatic model** instead, if a shockable rhythm is detected, will warn the user of the imminent shock delivery and after 5 seconds the defibrillating shock will be released automatically; the CPR phase will follow.

TECHNICAL DATA SHEET

DEFIBRILLATOR

Model: Code SM1-B1001: Semi-Automatic
Code SM2-B1002: Fully Automatic
Maximal energy: 200J (nominal)
Waveform: Biphasic truncated exponential (BTE) automatically adapts according to patient's impedance
Discharge protocol: Adult: incremental
first shock 150J - subsequent 200J
Paediatric: fixed 50J

Charging time from shock alert*: IEC60601-2-4
 ≤ 9 sec with shock at 150J
 ≤ 12 sec with shock at 200J

Charging time from analysis time*: IEC60601-2-4
 ≤ 13 sec with shock at 150J
 ≤ 16 sec with shock at 200J

Analysis time: IEC/EN 60601-2-4
from 4 to 15 seconds
Impedance range: 20-200 Ohms
Sensitivity: 97% (IEC/EN 60601-2-4)
Specificity: 99% (IEC/EN 60601-2-4)
Controls:

Semi-automatic model 4 buttons: ON/OFF, shock delivery, patient selection (adult/child)
Fully Automatic model 3 buttons: ON/OFF, patient selection (adult/child)

Light indicators:
- Device status: 2 LEDs red /green
- PADS placement: 2 red LEDs
- Do not touch the patient: 2 red LEDs
- Touch the patient: 1 green LED
- Adult patient: 1 green LED
- Paediatric patient: 1 green LED
- ON/OFF button : 2 green LEDs
- Shock button: 8 red LEDs
Upgradeable: Through USB cable
External memory card

*on a 50 Ohm patient and with a fully charged new battery

PHYSICAL

Size: 200x213x71mm (folded handle)
257x213x71mm (open handle)
Weight: 1,56 Kg (with battery and PADS)

EVENT RECORDING

Optional external memory: Micro uSD/SDHC card up to 32GB
Stored data: "AED1LOG.txt": text file with detailed report of the activities of self-test and power-ups
"AEDFILE.aed": ECG trace, rescue events, voices and background audio
Through data manager software "Saver View Express"

"AEDFILE.aed"review:

DEFIBRILLATION PADS

Type: Code SMT-C2001: Disposable, universal, pre-gelled, preconnected
Code SMT-C2002: Disposable, universal, pre-gelled, preconnected, Face-to-Face
Dimensions: Total surface 136cm²; active surface 94cm²; 120cm cable length (external to the packaging)
Shelf-life: 24-30 months, as indicated on the packaging

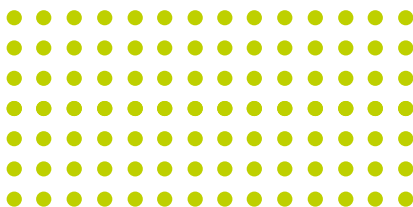
BATTERY

Type: Code SMT-C14031: Disposable battery 8 cells Li-MnO₂
Voltage/capacity: 12VDC-3000mAh
Autonomy: Up to 200 complete rescue cycles (200J shocks + CPR);
Up to 36 hours of continuous ECG analysis*
Stand by life: Up to 3 years with a battery insertion test and daily self-test without any turning on the AED*

* performance referred to new batteries stored at a temperature of 20°C and relative humidity 45% without condensation

ENVIRONMENTAL SPECIFICATION

Operating temperature: 0°C to 45°C (32°F to 113°F)
Storing/Shipping temperature: -40°C to 70°C (-40°F to 158°F)
Humidity: 10% to 95% relative humidity non condensing
Sealing (IP Protection): IEC/EN 60529: class IP56
Shock/Drop: IEC/EN 60601-1 clause 21
Abuse Endurance: IEC/EN 61000-4-2
Electrostatic Discharges: IEC/EN 60601-1-2:2015
Electromagnetic Compatibility: IEC/EN 60601-1;
Protection from defibrillation: device internally powered, Type BF
Classification: Directive 93/42/CEE
Amd 2007/47/CE:
Class IIb, Annex IX Rule 9



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