





**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**

SMARCLY®
SAVER SERIES

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 $\leq 200\text{J}$

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 $\leq 200J$**

The basic model of the SMARTY Saver Series line, very affordable and easy to use. Reliable and durable (1-meter drop test - dustproof and waterproof resistance IP56 rated) 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 **Smarty Saver** 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.

TECHNICAL DATA SHEET

DEFIBRILLATION PADS

Type:	Code SMT-C2001: Disposable, universal, pre-gelled, preconnected
Shelf-life:	4 years, as indicated on the packaging

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*:	IEC/EN 60601-2-4 ≤ 9 sec with shock at 150J ≤ 12 sec with shock at 200J
Charging time from analysis time*:	IEC/EN 60601-2-4 ≤ 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:	"AED1 LOG.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
"AEDFILE.aed" review:	Through data manager software "SaverViewExpress"

BATTERY OPTIONS

Type:	Code SMT-C14033
Voltage/capacity:	12VDC-5600mAh
Autonomy:	Up to 350 complete rescue cycles (200J shocks + CPR); Up to 100 hours of continuous ECG analysis*
Stand by life:	Up to 4 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 without condensation
Sealing (IP Protection):	IEC/EN 60529: class IP56
Shock/Drop Endurance:	IEC/EN 60601-1 (compliant to 1 m. Drop Test)
Electrostatic Discharges:	IEC/EN 61000-4-2
Electromagnetic Compatibility:	IEC/EN 60601-1-2:2015
Protection from defibrillation:	IEC/EN 60601-1; device internally powered, Type BF
Classification:	MDR (EU) 2017/745 Class III, Annex VIII, Rule 22