

SMARTLY[®] **SAVER**

EFFECTIVE

RELIABLE

SMART

SMALL

**HIGH
TECHNOLOGY**

**ADVANCED
ELECTRONICS**

COMPACT



***DESIGNED TO BE
UNIQUE TO THE MARKET***

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SMART DESIGN, SMART TECHNOLOGY, SMARTY SAVER!

“WITHIN EVERYONE’S REACH”

The best portable AED (automated external defibrillator) meant for quick and simple treatment of Sudden Cardiac Arrest (SCA) and to assist in delivering the Cardio Pulmonary Resuscitation (CPR). The Smarty Series is AMI Italia latest defibrillators line, it can be used easily 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 (i.e. children lesser than 8 and weighing less than 25kg) affected by ventricular fibrillation or ventricular tachycardia, by means of a thorax impedance-compensated, biphasic truncated exponential discharge (BTE).

All models equipped with basic functional characteristics:

- Reduced dimensions
- Ergonomic look and intuitive use
- Audio and visual signals for users
- CPR guidance through voice messages and metronome
- Self test for ready to use check
- Rescue data savable on external micro SD card
- Maximum deliverable energy 200J
- Universal Electrode Pads: suitable both for adult and paediatric patients
- Low cost of ownership

All SMARTY SAVER MODELS work in Semi-Automatic or Fully automatic modes.



SMARTY SAVER Semi-Automatic Fully automatic

SM1-B1001
SM2-B1002

The **Semi-Automatic model**, after checking the patient’s ECG, if a shockable rhythm is detected, then the device automatically starts charging the reservoir capacitor. Once ready for the shock, the operator is left with the choice of whether or not to push the shock button to defibrillate.

Then the CPR phase starts through voice message and metronome.

The **Fully Automatic model**, once ready for the shock will automatically deliver the defibrillation shock after 5 second according to the vocal prompt.




SMARTY SAVER PLUS

Semi-Automatic
Fully automatic

SM3-B1003
SM4-B1004

Quality CPR:

Thanks to a wireless **Q-CPR** external module linked to the device by Bluetooth and a 8 LEDs bar located on the keyboard along with the acoustic metronome and prompts, the operator can count on a real-time support for the correct execution of frequency and depth during the CPR operation (according to the International Guidelines).




SMARTY SAVER GEO

Semi-Automatic
Fully automatic

SM5-B1005
SM6-B1006

Geolocation and Quality CPR

The integrated SIM card allows the device to transmit and receive data through the mobile phone network. The battery power supply dedicated to geo location module is autonomous and additional to the one dedicated to the basic functionality as defibrillator.

All the info is sent by the device to the **AMISAVERCLOUD PLATFORM**, which is conceived to monitor and control multiple AEDs by remote through any web browser and internet connected device. Among the info and data sent to the platform, the AED can transmit the ECG in real time hence a professional operator will be able to view and examine the ECG by remote on the AMISAVERCLOUD PLATFORM.

Finally through the dedicated **VIVO BUTTON** located on the keyboard the operator will be free to call the local EMS straight away directly from the AED!




DEFIBRILLATOR	
Operation:	Semi- Automatic Version Fully Automatic Version
Delivered Energies:	Nominal 200J with a 50 Ohms load
Waveform:	Biphasic truncated exponential (BTE) conforming to patient chest's impedance
Discharge protocol	Adult: Incremental first 150J - subsequent(s) 200J Paediatric: Nominal 50J with a 50 Ohms load
Charging time:	≤10 s with new and fully charged battery
Analysis time:	IEC/EN 60601-2-4 from 4 to 15 seconds
Impedance:	20-200 ohms
Sensitivity:	97% Conforms to EN 60601-2-4:2010 3rd Issue (part 201.107) guide lines
Specificity:	99% Conforms to EN 60601-2-4:2010 3rd Issue (part 201.107) guide lines
Controls:	4 buttons for Semi-Automatic: ON/OFF, Shock button, 2 buttons for patient selection (adult/child) 3 buttons for Fully Automatic: ON/OFF, 2 buttons for patient selection (adult/child)
Visual Indicators:	LED stand-by (1 green LED); LED error indication (1 red LED); LED apply defibrillation PADS (2 red LEDs); LED don't touch the patient (2 red LEDs); LED it is safe to touch the patient (1 green LED); LED adult mode (1 green LED); LED paediatric mode (1 green LED); LED ON/OFF button (2 green LEDs); LED shock button (8 red LEDs)
Upgradeable:	through external optional micro SD card
DEFIBRILLATION PADS	
Type:	Disposable, Pre-connected Universal, 95 cm² conductive surface, code SMT-C2001
Cable length:	120 cm
Shelf-Life:	30 months
PHYSICAL	
Size:	200x213x71mm (folded handle); 257x213x71mm (open handle)
Weight:	1,53 Kg (with battery and defibrillation PADS)
EVENT RECORDING	
Optional external memory:	Micro SD/SDHC card up to 32GB
Stored data on external memory:	"AED1LOG.txt" text file with detailed self-test activity "AEDFILE.aed" (ECG trace, events during the rescue, voices and environmental noise) Through "Saver View Express" data manager software
Event review:	
BATTERY OPTIONS	
Type:	Primary Battery with Li-MnO2 cells code SMT-C14031; voltage/Ah 12Vdc-3000mAh
Autonomy:	Up to 100 complete rescue cycles (shocks at 200J and CPR); up to 200 complete rescue cycles (without CPR); up to 20 hours in continuous CPR cycles
Stand by life:	Up to 24 months once installed to AED, assuming one battery insertion test and daily self-test without switching AED on (*)
ENVIROMENTAL	
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) without battery
Humidity:	10% to 95% relative humidity non condensing
Sealing (IP Protection):	IEC/EN 60529
Shock/Drop	
Abuse Endurance:	IEC/EN 60601-1 clause 21
Electrostatic Discharge:	IEC/EN 61000-4-2:2002(3), Safety level 4
Electromagnetic	
Compatibility:	IEC/EN 60601-1-2:2014
Electrical Protection:	IEC/EN 60601-1; Internally Powered Type BF
Directive 2007/47/CE:	Class IIb

(*)Temperature at 20°C Humidity 45% non-condensing

SMARTY SAVER PLUS

EXTERNAL MODULE FOR Q-CPR

REF:	SMT-C14034
Description:	Wireless Q-CPR external module paired to the device by Bluetooth
Dimension:	Ø 60mm; height 18.5 mm
Visual Indicators:	Q-CPR lighting feedback : LEDs bar (8 leds) located on the AED keyboard
Q-CPR	
acoustic prompts:	Cadenced metronome
Battery:	Primary Li-MnO2 coin cell (3V,230 mAh)
Standby-life:	Up to 2 years in OFF condition
Autonomy:	Up to 20 hours in continuous On condition

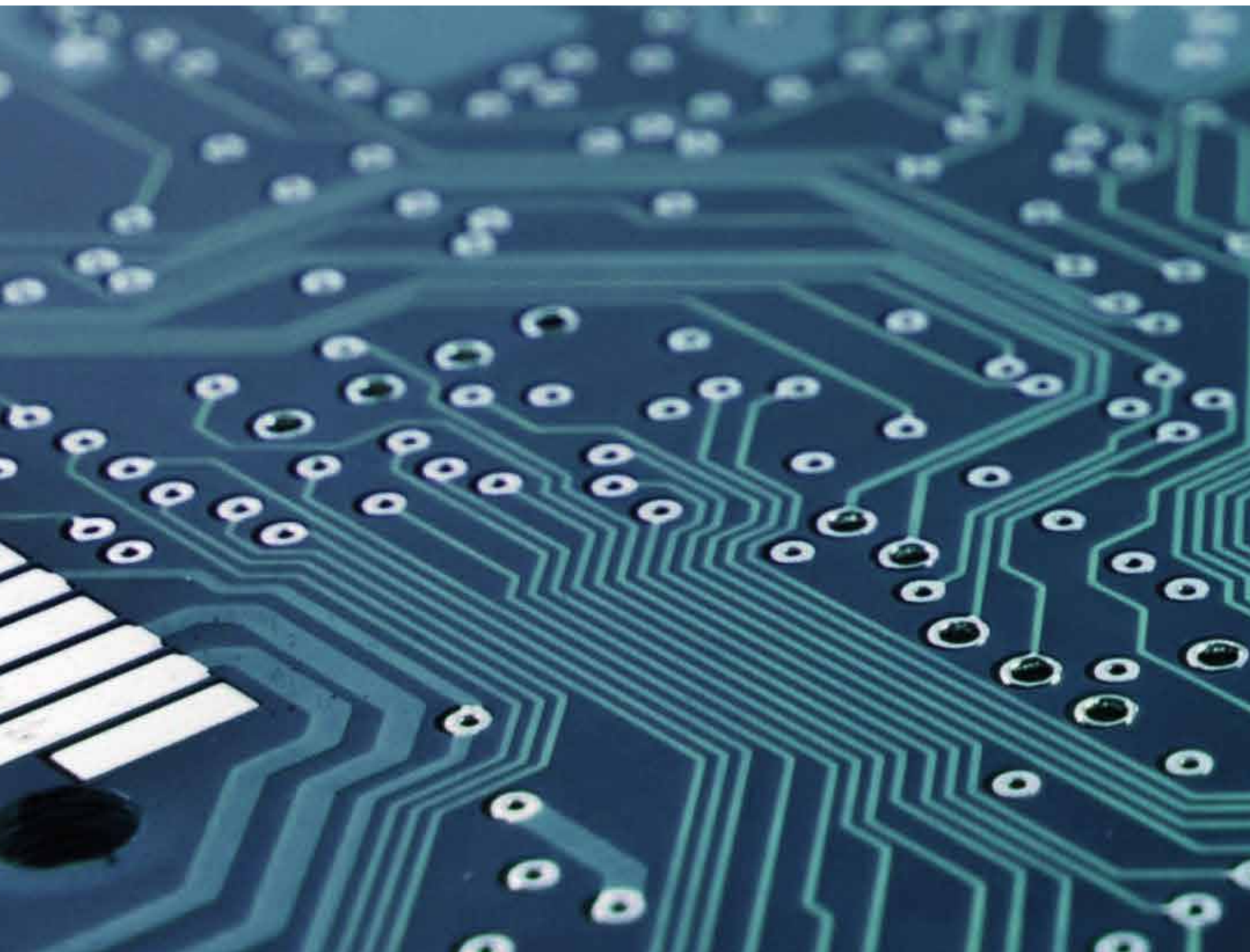
SMARTY SAVER GEO

Geoloc Module Frequency:	GSM: 850, 900, 1800, 1900 MHz; UMTS: 900, 2100 MHz; GPS: 1575, 1600 MHZ
Geoloc Module Battery Type:	Li-SOCI2; 10,8 VDC-3500 mAh
Geoloc Module Battery life:	Up to 2 years
Geoloc Module Performance:	Geo-location (real time geo location of the device) Remote control (tracking, antitheft option, setting and real time status) Vivo Call: to call the local EMS directly from the device ECG Streaming: ECG sent in real time to AMISAVERCLOUD PLATFORM
Radio Equipment Compliance:	RED- Directive 2014/53/UE
AED Visual indicators:	LED stand-by (1 green LED); LED error indication (1 red LED); LED apply defibrillation PADS (2 red LEDs); LED don't touch the patient (2 red LEDs); LED it is safe to touch the patient (1 green LED); LED adult mode (1 green LED); LED paediatric mode (1 green LED); LED ON/OFF button (2 green LEDs); LED shock button (8 red LEDs); LED remote connection active (1 green LED); Q-CPR lighting feedback: LEDs bar (8 leds) located on the AED keyboard
AED Controls:	6 buttons for Semi-Automatic: ON/OFF, Shock button, 2 buttons for patient selection (adult/child); Vivo call button; ECG streaming button. 5 buttons for Fully Automatic: ON/OFF, 2 buttons for patient selection (adult/child); Vivo call button; ECG streaming button.

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2 YEARS
WARRANTY