



# SMARTY SAVER GEO

**WITHIN EVERYONE'S REACH!**

The Smarty Saver Geo is equipped with a SIM card and a GPS/GPRS system, so that it can perform live emergency calls. Moreover it is provided with the Q- CPR quality feedback function.



## DEFIBRILLATOR

Model:	Code SM5-B1005: Semi- Automatic Code SM6-B1006: Fully Automatic 200J (nominal)
Maximal energy:	200J (nominal)
Waveform:	Biphasic truncated exponential (BTE) automatically adapts according to patient's impedance
Discharge protocol:	Adult: incremental first 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	6 buttons: ON/OFF, shock delivery, patient selection (adult/child), live call, ECG streaming
Fully Automatic model	5 buttons: ON/OFF, patient selection (adult/child), live call, ECG streaming
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 - CPR Quality feedback 8 LED bar: 2 red + 2 orange + 2 yellow +2 green - Q-CPR module connection: 1 green fixed LED - ECG streaming: 1green blinking LED
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:	1,70 Kg (with battery and defibrillation PADS)

## EVENT RECORDING

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

## DEFIBRILLATION PADS

Type:	Code SMT-C2001: Disposable, universal, pre- gelled, preconnected Code SMT-C2002: Disposable, universal, pre- gelled, preconnected, Face- to- Face Total surface 136cm <sup>2</sup> ; active surface 94cm <sup>2</sup> ; 120cm cable length (external to packaging)
Dimensions:	24- 30 months, as indicated on the packaging
Shelf- life:	

## BATTERY

Type:	Code SMT-C14032: Disposable battery 8 cells Li- MnO <sub>2</sub> ; 12VDC-3000mAh
Voltage/capacity 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	
Abuse Endurance:	IEC/EN 60601-1 clause 21
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:	Directive 93/42/CEE Amd 2007/47/CE: Class IIb, Annex IX Rule 9

## Q- CPR EXTERNAL MODULE

Description:	Code SMT-C14034 External module to support quality CPR paired with the AED via Bluetooth; Class I
Weight and Dimension:	95 x 60 x 13mm; 50gr
Compression guidance:	According to AHA/ERC guidelines for both adult and paediatric patients
Controls and light icons:	Ignition key ON/OFF Green flashing LED: Bluetooth signal search Green fix LED: Bluetooth connection active
Battery:	Code: SMT-C14035 Battery Coin LiMnO <sub>2</sub>
• Type	3 VDC / 1Ah
• Voltage/capacity	up to 2 hours in continued use
• Autonomy	
Radio Equipment compliance:	Directive 2014/53/UE- RED

## GEOLOC MODULE

Frequency:	GSM: 850, 900, 1800, 1900MHZ; UMTS: 900, 2100MHZ; GPS: 1575, 1600MHZ
Battery	
• Type	Contained in SMT-C14032; 3 cells Li- SOCl <sub>2</sub> ;
• Voltage/capacity	10,8 VDC- 3500 mAh
Performance:	Geo- location, remote control of the device, live call, ECG streaming
Radio Equipment compliance:	RED- Directive 2014/53/UE

**SMARTLY**  
**SAVER GEO**