

SAVER ONE



Technical data sheet

SAVER ONE D



AMI | ITALIA[®]

MEDICAL DEVICES

www.amiitalia.com

DEFIBRILLATORS

Energies:	Standard max 200J or Power max 360J
Waveform:	Adaptive BTE (biphasic truncated exponential)
Protocols:	conforming to patient chest's impedance Various adult shock protocols available on request
Factory default:	Adult Standard escalating 150, 200, 200J Adult Power escalating 200, 250, 360J Paediatric (Standard or Power) 50J fixed ≤9 seconds with a new and fully charged battery
Charging time:	
Analysis time:	IEC/EN 60601-2-4 from 4 to 15 seconds
Impedance:	20-200 ohms
Sensitivity:	IEC/EN 60601-2-4 (AHADB, MITDB source), 97%
Specificity:	IEC/EN 60601-2-4 (AHADB, MITDB source), 99%
Controls:	2 buttons: ON/OFF, shock button, and 3 buttons to surf the menu.
Indicators:	Status LED indicator informing on device condition Battery gauge with remaining capacity rate Audible alerts and text display with service alarms
Upgradeable:	through a USB cable or memory card

ECG MONITORING

Operations:	Through defibrillation pads or standard ECG electrodes attached to a separate 2-Lead patient monitoring reusable cable SAV-C0017
ECG size:	Manual setting through the menu
Heart Rate:	30-200 bpm
Sweep Speed:	25 mm/sec
Standard:	IEC/EN 60601-2-27 less than the points 202.6.2.101; 201.12.1.101.12,13; 208.6.6.2.101 not performed for the intended use of the device, as it is not intended for environments such as operating theatres or intensive care units
Display:	5,7" TFT colour, 640 x 480 pixel

PADS OPTIONS

Type:	Disposable, pre-gelled and self-adhesive
Adult:	Code SAV-C0846, for patient >8 years or >25 kg
Paediatric:	Code SAV-C0016, for patient <8 years or <25 kg
Universal:	Code SAV-C0599, Face to Face, for patient >1 year
Cable length:	120 cm
Shelf-Life:	24-30 months

PHYSICAL

Size:	26,5 x 21,5 x 7,5 cm
--------------	----------------------

Weight:	2,08 kg with non-rechargeable battery 2,13 kg with rechargeable battery
----------------	--

BATTERY OPTIONS:

Type:	Non-Rechargeable, SAV-C0904
Autonomy:	250 complete rescue cycles (shocks at 200J and CPR) or 160 complete rescue cycles (shocks at 360J and CPR) or 24 hours ECG Monitoring for a new and fully charged battery (*)
Shelf-Life:	when stored in original packaging 5 years (*)
Battery-Life:	4 years once installed to AED, assuming one battery insertion test and daily self-test but without switching AED on (*)
Type:	Accumulator, code SAV-C0011
Recharging time:	2,5 hours with the charger station code SAV-C0014 (*) (recommended to charge every 4 months at least)
Autonomy:	200 shocks at 200J or 110 shocks at 360J or 14 hours in ECG Monitoring for a new fully charged accumulator (*)
Battery-Life:	2 years or 300 charging cycles (*)

EVENT RECORDING

Internal memory:	up to 6 continuous hours of ECG and rescue events
Optional memory:	Removable SD card; length of storage depends on card capacity; a 2GB card records up to 100 hours
Data recording:	"AED1LOG" text file with detailed self-test activity "AEDFILES" with complete recorded information
Event review:	"SaverViewExpress" data manager software

ENVIRONMENTAL SPECIFICATION

Operating conditions:	0°C to 55°C (32°F TO 131°F)
Transient operating conditions:	min. -20 °C (-4°F) at least 20 min
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 class IP56; splash proof, dust protected
Shock/Drop Endurance:	IEC/EN 60601-1 (Compliant to 1m. Drop Test, impact, force, rough handling, mobile tolerance)
Electrostatic Discharge:	IEC/EN 61000-4-2
Electromagnetic Compatibility:	IEC/EN 60601-1-2 Emission, Immunity
Electrical Protection:	IEC/EN 60601-1; Internally Powered Type BF/CF
Medical Device Regulation (EU) 2017/745:	Class III

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

MODEL NUMBERS

Saver one D 200J (SVD-B0004) – Maximum deliverable energy 200J Standard opt. / Saver one D 360J (SVD-B0005) – Max. deliverable energy 360J Standard opt.
Saver one D 200J (SVD-B0004-U) – Max. deliverable energy 200J Univer. Face To Face PADS opt. / Saver one D 360J (SVD-B0005-U) – Max. deliverable energy 360J Univer. Face To Face PADS opt. / Saver one D 200J (SVD-B0004-Q) – Maximum deliverable energy 200J Q-CPR opt. / Saver one D 360J (SVD-B0005-Q) – Maximum deliverable energy 360J Q-CPR opt. / Saver one D 200J (SVD-B0004-U-Q) – Max. deliverable energy 200J Univer. Face To Face PADS and Q-CPR opt.
Saver one D 360J (SVD-B0005-U-Q) – Max. deliverable energy 360J Univer. Face To Face PADS and Q-CPR opt.

CONFIGURATION OPTIONS (BOX CONTENT)

Conf-Norm:	Standard Basic Configuration (adult pads, non-rechargeable battery, carrying case)
Conf-Rech:	Rechargeable Configuration (adult pads, accumulator, charger station, carrying case)
Conf-Print:	Print Ready Configuration (adult pads, non-rechargeable battery, carrying case, IrDA port and thermal printer)
Conf-Rech/Print:	Rechargeable & Print Ready Configuration (adult pads, accumulator, charger station, carrying case, IrDA port and thermal printer)

5.7" TFT COLOUR DISPLAY

DETAILED AND COMPREHENSIVE SCREEN PROVIDES VALUABLE INFORMATION TO RESCUERS; RUNNING TEXT AND GRAPHICS COMBINED WITH VOICE MESSAGE:



ABOUT RESCUE

- adult or child protocol in use
- modality in use (AED, ECG or Manual)
- fibrillation and shock counts
- elapsed rescue time
- heart rate (bpm)
- impedance (ohms)
- ECG waveform
- touch/not touch pictogram
- charging bar graph if device charges
- energy level to be delivered (joule)
- CPR bar graph and cycles countdown

ABOUT DEVICE

Battery gauge with residual capacity indicator of **available memory** for recording notice if the **microphone** is active or OFF local **date, time and alarms.**

