

# Saver One<sup>®</sup>

Semi-Automatic PAD

user-friendly public access defibrillator  
anyone can use it, anywhere at anytime



**AED**  
series  
MADE IN ITALY

Intuitive with CPR Guidance  
1, 2, 3-Step Operation  
Long-Life Batteries

 **ami.italia**  
medical products

## everywhere for life

Semi-Automatic AED with 1, 2, 3-step operation (turn on, apply pads, shock)

Solid, small and lightweight (<2 kg) with comfortable carrying handle

Simple design highly intuitive

Build-in metronome for CPR guidance

Two energy versions: Standard max 200 Joules or Power max 360 Joules

Adult shock protocols customizable

Automatic self-test with status LED indicators for device and battery

Long-life battery options for the best portability

Capable on adult (>8 years or >25Kg) and children (1÷8 years old or <25Kg)

Disposable multifunction pads with 30 months shelf-life

Various configurations options

Meet AHA/ERC Guidelines in force

5 Years Warranty

User-friendly Public Access Defibrillator (PAD) reliable for any lay rescuer (even without minimal training) ready to save the life of victims stricken with sudden cardiac arrest (SCA). Designed to help save lives in any public circumstances and optimized for a rapid delivery of defibrillation therapy, anytime and anywhere and before EMS team arriving.

Practical and very simple to use. Highly intuitive with pictograms and flashing icons and clear voice messages to lead and support ordinary rescuers through each step for an effective lifesaving protocol.

### Maintenance-Free

Automatically performs daily, monthly and six-month extensive self-tests of internal circuitry, waveform delivery system, calibrations and battery capacity.

Further to user-activated self-tests upon battery insertion and when turned on.

Visible status indicators show at glance whether the device and its battery are ready for use.

### CPR Coaching

Calm and clear voice instructions to assist responders during the cardio-pulmonary resuscitation (CPR), providing audio cues with a metronome for the appropriate number and rate of chest compressions.

### Defibrillator

*Waveform:* Adaptive BTE (Biphasic Truncated Exponential)

*Energy Type:* Escalating from 50 to 360J

*AED Energy:* fixed 50J pediatric  
150, 200, 200J adult standard (preconfigured shock protocol)  
200, 250, 360J adult power (preconfigured shock protocol)

*AED Function:* Semi-Automatic defibrillator. Auto analyze and charge and shock with preconfigured auto energy level

*Charge Time:* ≤9 seconds with a new fully charged battery. Depleted battery will result in a longer charging time

*Algorithm:* Intelligent arrhythmia detector evaluates chest's impedance and determines if defibrillation is required

*Shockable Rhythms:* Ventricular Fibrillation (VF) and wide complex Ventricular Tachycardia (VT)

*Analysis Time:* EN 60601, from 4 to 15 seconds

*Impedance:* 20-200 ohms

*Sensitivity:* EN 60602-2-4 (AHADB, MITDB source), 97%

*Specificity:* EN 60602-2-4 (AHADB, MITDB source), 99%

*Controls:* ON/OFF, Shock button

*Advise Indicator:* Red LED «pads connection» flashing to warn that pads must be connected to device/patient or alert for an incorrect placement

Red LED «do not touch patient» alerting responders to stay clear of victim during analysis or shock

Green LED «shock button» flashing when the device is ready to deliver the shock

*Status Indicator:* Green LED for device status and red LED for battery status

### Data Recording

*Type:* Optional xD card or Smart Media Card 1GB and internal 64MB memory for subsystems

*Memory Capacity:* 40 hours of ECG, operator voice and environmental and device events

*Data Recording:* "AEDFILES" with complete recorded events and "AED1LOG" file with fully detailed device self-test activity

*Event Reporting:* "Saver View Express" PC review software

### Battery Options

*Type:* Li-Ion Accumulator (rechargeable)

*Recharge Time:* 2,5 hours with the battery charger station SAV-C0014 (temperature 20°C)

*Autonomy:* 400 shocks for a new and fully charged accumulator (temperature 20°C)

*Shelf-Life:* 2,5 years or 300 charging cycles (temperature 20°C)

*Type:* LiMnO2 Disposable

*Autonomy:* 300 shocks for a new and fully charged battery (temperature 20°C)

*Standby-Life:* 4 years (temperature 20°C)



### Physical

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

*Weight:* 1,85 kg with disposable battery or 2,00 kg with rechargeable battery

*External Case:* Medical grade ABS

*Patient Safety:* All patient connections are electrically completely isolated

*Directive 2007/47/EC:* Class IIb

### Environmental

*Temperature:* Operating: 0° C to 55° C

Storing/Shipping (without battery): -35° C to 60° C

*Humidity:* 0% to 95% relative humidity non-condensing

*Dustproof/Waterproof Protection:* IEC 60529, IP54

*Electrostatic Discharge:* EN 61000-4-2

*Electromagnetic Interference, Radiation:* EN 60601-1-2

*Electromagnetic Interference, Protection:* EN 60601-1-2

*Electromagnetic Compatibility (EMC):* CISPR 11 Class B Rated and Conducted Emissions

*Mechanical Strength:* clause 21 EN 60601-1 (drop from 1 meter, impact, force, rough handling, mobile tolerance)

### Item & Configuration Options

*Codes:* SVO-B0001 for the Standard Version at 200J or SVO-B0002 for the Power Version at 360J

*Conf-Norm:* Standard Basic Configuration (disposable battery, adult pads, carrying case)

*Conf-Rech:* Rechargeable Configuration (accumulator, charger station, adult pads, carrying case)



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