Derivation II Patient impedance 25 - 175 Ω

Defibrillation electrodes	
Shelf life	up to 36 months
Cable length	$1,30 \pm 0,06$ m
Active electrodes area	$105 \pm 10 \text{cm}^2$

DefibrillationImpulse shape

Asystole threshold

Child mode

Heart rate

ECG

Analysis to shock readiness

Start of the device to shock

Energy

_	
Active electrodes area	$105 \pm 10 \text{cm}^2$
Data management	

Internal memory	SGB
Data recording	ECG wave 10 hours, event recording 2000, CPR data 10 hours, self test report 3650
Data export	with USB stick

Biphasic truncated exponential (BTE) waveform, auto-compensation according to patient impedance

10 – 360 J according to patient impedance, individually configurable

5 s (depends on the energy level)

approx. 14 sec. to 200J

< 100 μV

Child button

30 - 300 per min

Power supply		
Battery	NRL01C	
Battery-Type	LiMnO2	
Voltage	12 V	
Capacity (nominal)	4.2 Ah	

Shelf life	up to 5 years after installation
Discharges / Shocks	230@200J or 150@360J

Liviloilileittai conditions	inviorimental conditions		
Operating conditions	0°C - 55°C (30 - 95% rel. humidity without condensation, 700 hPa - 1060 hPa) (The device can operate for at least 20 minutes from ambient temperature to -20°C)		
Storage conditions	0°C - 50°C (5 - 95% rel. humidity without condensation, 570 hPa - 1062 hPa)		
Transportation conditions	0°C - 50°C (5 - 95% rel. humidity without condensation, 570 hPa - 1062 hPa)		

	ERC	ERC-2021
Resuscitation guidelines		
	Transportation conditions	0°C - 50°C (5 - 95% rel. humidity without condensation, 570 hPa - 1062 hPa)
	Storage conditions	0°C - 50°C (5 - 95% rel. humidity without condensation, 570 hPa - 1062 hPa)

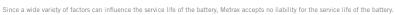
Protection class			
IP	55		

Dimensions	imensions		
Height x Width x Depth	29.6 cm x 22.0 cm x 9.7 cm		
Weight without power supply	approx. 2.2 kg		
Weight with power supply	approx. 2.5 kg		

Scope of delivery: 1 HeartSave Y or YA, 1 battery, 1 pair of electrodes, 1 resuscitation-kit, 1 instructions for use

The service life of the HeartSave Y I YA battery is normally up to 5 years, provided that the following conditions are met: The battery is inserted into the device, the device is only ever in standby mode and is not used, just the regular self-tests recommended by Metrax are carried out, and the ambient temperature is consistently 20 degrees Celsius (± 5 degrees Celsius).

Storing the device outdoors significantly reduces the service life of the battery.







Environmental conditions