Technical data

HeartSave myPAD

Defibrillation		
Impulse shape	Biphasic truncated exponential (BTE) waveform, auto-compensation according to patient impedance	
Energy	150J - 170J - 200J (adult mode, automatically escalating), 50 J (child mode)	
Analysis to shock readiness	8s to 150J; 12s to 200J (battery 3C)	5s to 150J; 8s to 200J (battery 3G)
Start of the device to shock	17s to 150; 22s to 200J (battery 3C)	13s to 150J; 16s to 200J (battery 3G)
Asystole threshold	< 100 µV	
Child mode	Child button	
ECG		
Derivation	II	
Patient impedance	25 - 200 Ω	
Heart rate	30 - 300 per min	
Defibrillation electrodes		
Shelf life	60 months	
Cable length	1,40 ± 0,2 m	
Active electrodes area	86 ± 10 cm^2	
Max. number of shocks	50 shocks	
Trade name and model	SavePads PLUS C: OBS-DE/P 303A1206 (without CPR feedback sensor)	
	SavePads PLUS CS: OBS-DE/P 303A1207(with CPR feedback sensor)	
CPR feedback sensor	Preconnected via cable (for electrodes with CPR feedback sensor only)	
User guidance		
Type	Dynamic workflow, automatically adapting to user‘s pace	
Acoustic guidance	Voice prompts, adaptive volume control	
Visual guidance	Icons with LED (670, 670A) Animated graphics (675, 675A, 678, 678A)	
Languages	Up to 6, selectable by user via button (670, 670A, 675, 675A) or softkey (678, 678A)	
Data management		
Internal memory	8GB	
Data recording	ECG wave & CPR data: 160 hours, event recording: 10.000 events, self test report: min 3.650	
Data export	With USB stick	
Power supply, non-rechargeable		
Battery	Battery 3C	
Battery-Type	LiMnO2	
Voltage	12 V	
Capacity (nominal)	2.8 Ah	
Shelf life	60 months	
Discharges / Shocks	130@200J	
Power supply, rechargeable		
Battery	Battery 3G	
Battery-Type	Li-ion	
Voltage	14.4 V	
Capacity (nominal)	2.95 Ah	
Shelf life	144 months	
Discharges / Shocks	230@200J	

Scope of delivery: 1 HeartSave myPAD, 1 bag (small), 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, ex works 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, j ust 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. Since a wide variety of factors can influence the service life of the battery, Metrax accepts no liability for the service life of the battery.

Date: 22.08.2025, subject to changes and errors.

www.primedic.com

DESIGNED & DEVELOPED IN GERMANY

PRIMEDIC
Saves Life. Everywhere.

CE 0123

Release date: 08/2025 I 24766 I EN I C

Technical data

HeartSave myPAD

Display	
Type	No display, graphical instructions with LED (only for 670, 670A)
Type	Colour LCD display (only for 675, 675A)
Type	Touch LCD display (only for 678, 678A)
Display size	4.3" / 10.92 cm, 800 x 480 pixel
Display content	Operation guiding, CPR animation, CPR quality, residual battery, intervention time, ECG waveform
Brightness	Automatic brightness adjustment based on environment condition
ECG waveform animation	1-Channel

CPR feedback system	
Compression frequency	Range: 100 - 120 cpm, accuracy of compression frequency: ±3 cpm
Compression depth	Range: 50 - 60 mm, accuracy of compression depth: ±5 mm or ±10%, whichever is larger

IoT	
Remote device management	LTE, Wifi, LTE & Wifi (optional)

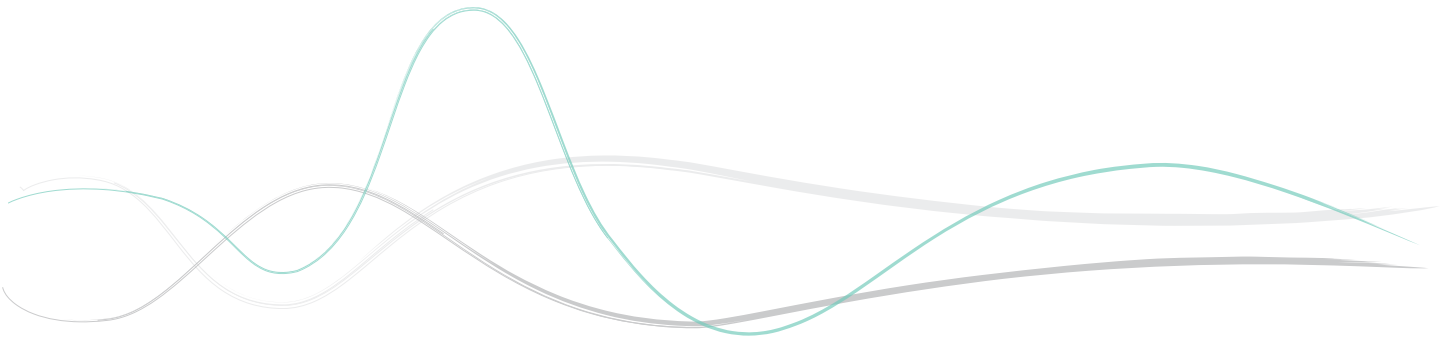
Environmental conditions	
Operating conditions	0°C - 55°C; 0 - 95% rel. humidity without condensation; 540 hPa - 1060 hPa (The device can operate for at least 20 minutes from ambient temperature to -20°C)
Storage conditions	-5°C - 55°C; 0 - 95% rel. humidity without condensation; 540 hPa - 1062 hPa
Transportation conditions (10 days)	-30°C - 70°C; 0 - 95% rel. humidity without condensation; 510 hPa - 1062 hPa

Resuscitation guidelines	
ERC	ERC-2025

Protection class	
IP	66 (with inserted and fixed battery and connected electrodes)

Drop test	
Height	1,6 m (on all sides, corners, edges)

Dimensions	for 670, 670A	for 675, 678, 675A, 678A
Height x Width x Depth	151 mm x 151 mm x 73 mm (±2 mm)	151 mm x 151 mm x 76 mm (±2 mm)
Weight (device + battery)	approx. 1.0 kg (±0.2 kg)	approx. 1.1 kg (±0.2 kg)



CE 0123

Release date: 02/2026 I 24766 I EN I D

Scope of delivery: 1 HeartSave myPAD, 1 bag (small), 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, ex works 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, j ust 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. Since a wide variety of factors can influence the service life of the battery, Metrax accepts no liability for the service life of the battery.

Date: 22.08.2025, subject to changes and errors.

www.primedic.com

DESIGNED & DEVELOPED IN GERMANY

PRIMEDIC
Saves Life. Everywhere.