

# DEFIBRILLATOR

HEARTLINE  
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- A rhythm analysis algorithm to detect shockable cardiac rhythms with high accuracy.
- Full-Automated and Semi-automated operating modes
- Motion detection for robust ECG rhythm analysis
- Differentiating performance by charging fast
- CPR support by audio and visual instructions
- Pacemaker detection ability

## Technical Specifications

Device Classification (93/42/EEC)	Class II B
Design Standards	IEC 60601-1:2005+A1:2012, EN 60601-1-2:2015, IEC 60601-2-4:2010, ERC, ILCOR 2015
Operating Temperature	0°C - 50°C
Storage Temperature	-30 to +70 °C
Humidity	10 to 95% relative humidity
Particle and Water Ingress	IP-55
Operating Mode	Semi / Full Automated
Waveform	Truncated Biphasic
Energy Selection	150J-200J-200J for Adult mode,
50J-50J-50J for child mode	24 VDC(19-57 V)
Quick Shock	Less than 10 seconds
Charge Time	Less than 10 seconds
ECG Analyse Time	Less than 10 seconds
Data Recording and Storage	Up to 12 hours ECG data and ambient audio record capability.
CPR Coaching	Yes
Pacemaker Detection	Yes
Motion Detection Algorithm	Yes
Guarantee	5 years

