



**ALLIED
MEDICAL**
"People you can Trust"

Cardiasafe-I

Biphasic Defibrillator Monitor



Combining Advanced
Life-Saving Technology
with a Compact Design for
Ultimate Portability and
Reliability in Critical Moments.

Technical Specifications

Standard Configuration

RESP, Thermal Recorder, 360J

Physical Specification

Size	295mm x 252mm x 316mm
Weight	6.5 kg.
Screen Size	7" TFT Screen
Resolution	800x480
Waveforms	Max 4 waveforms

Environmental Configuration

Temp	0–45°C
Humidity	10%–95%, non-condensation
Ingress Protection	IP44
Power Requirement	100–240V, 50/60Hz ± 3Hz

Battery

Battery	Lithium-ion Battery
Battery Backup	Monitoring Mode - min. 6hrs Defib Mode: 210 Shocks of 360J Pacing Mode: 4.5 hours

Data Storage

Alarm Event	200 groups
Patient Event	1000 events
Wave Review	10 mins
NIBP Review	2000 groups
Trends	160 hrs
Voice Recording	Max 240 mins in total

Recorder

Type	Built-in; Thermal Array
Channel	Max 3 channel waveforms

Defibrillator

Operating Mode	Manual Mode, AED Mode, Synchronous Defibrillation
Waveform	Bi-phasic, Truncated exponential waveform with impedance compensation
Charge Time	Less than 6 seconds (AC Power)
Patience Impedance	20–300Ω (External defibrillation)
Range	
Manual Mode	1 – 360 J, 25 types (1/2/3/4/5/6/7/8/9/10/15/20/30/50/70/100/150/ 170/ 200/220/250/270/300/360J)

Monitoring

Lead Type	3 leads ECG, 5 leads ECG, AUTO
Sweep Speed	6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s
Heart Rate	Adult : 15–300bpm; Paediatric: 15–350bpm
Resolution	1bpm
Accuracy	± 1bpm
CMRR	Monitoring: > 105dB Diagnosis: > 90dB Surgery: > 105dB ST: > 105dB

Respiration

Method	Thoracic Impedance Method
RR Measurement	Adult: 0–120rpm; Pediatric: 0–150rpm
Accuracy	7–150rpm: ± 2rpm or ± 2% (whichever is greater) 0–6rpm: unspecified

Interfacing

USB Interface
RJ45 interface
Multi-functional connector

Scope of Supply	Defibrillator Paddles: Adult and Peadiatric	Paper Roll - 1 nos.
	3/5 Lead ECG Cable	Power Cable
	50 ohm load with Cable	ECG Electrodes



**ALLIED
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Manufactured in India by

Allied Medical Limited
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#55000406R0 Ver.24.12

*In view of continued product improvement Allied Medical Limited reserves the right to make changes in the equipment which may affect the information contained in this leaflet without giving any prior notice. Pictures are representative, accessories are optional and may vary at the time of supply.