

# SMART AED100

Automatic External Defibrillator



## Main Features

- Three-step defibrillation process
- Two-button operation
- Extensive voice and visual prompts for the operator
- Biphasic energy output
- Lock-out protection to prevent inadvertent defibrillation

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## Technical Specifications

### Defibrillator

Output	BTE - Biphasic Truncated Exponential
Energy Sequence	150J - 200J
Charge Time	8 sec to 150J
Analysis Time	
The maximum time from the initiation of rhythm analysis to readiness for discharge with new battery	9 to 10 sec. to 200J
The maximum time from the initiation of rhythm analysis to readiness for discharge after 6 shocks.	Less than 30 seconds
The maximum time from initially switching power on to readiness for discharge	Less than 35 seconds
Audible Prompts	Less than 25 seconds
Visual Prompts	20 audible prompts
Controls	LED prompts
Output Energy Accuracy	Two buttons - On/Off. Shock
The maximum voltage	±15% into any impedance from 25 to 175Ω
Output disabled when the patient impedance is Outside limits	1200±50V
	20Ω to 200Ω
Warranty	One Year

### Battery

Part No.	CR 123A-4x2
Non-rechargeable	12V d.c. 3.0Ah - One Battery With Unit
Capacity	100 discharges at 200 Joules or 120 discharges at 150 Joules
Shelf Life	Approx 5 years depending on storage conditions.

### Physical

Dimensions	303x216x89mm
Weight	2.0 KGS
Storage Temperature (without battery)	-20°C to 55°C