

A16 Specifications

Defibrillation Electric Shock

Waveform	Biphasic Truncated Exponential (BTE) waveform(impedance compensation)
Energy	Adult: 170 to 195J (±5%) Pediatric: 44 to 51J (±5%)
Operating mode	Semi-Auto, Fully-Auto

ECG

Lead	II (RA, LL)
Patient impedance	25 to 200 ohm
Detection	V/F greater than or equal to 0.2 mV V/T Adult: greater than or equal to 150 bpm Pediatric: greater than or equal to 180bpm

Indication

Controls	Standard	Power button, Shock button, Patient mode switch button, Select language button
Indicators	Visible	Action icon, Status LCD (AED status, Battery status, Temperature status, PADS status), LED
	Audible	Audio speaker (Voice prompt, CPR indication) Beep (CPR indication, Power on, Critically Low Battery, Self-Test fail, alarm of abnormal operation)

Physical

Dimensions	200 × 286.5 × 90 (mm) (W×H×D)
Weight	Approx. 1.95kg including the battery excluding pads

Self Test

Cycle	Every 24 hours, 1 week, 1 month Power on self test, Battery insertion self test
Test result	Status LCD displays "O"/"X".

Data Backup and Communication

Standard	Internal memory, SD card slot, IR communication port
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Accessories Specifications

Pads

Adult / Pediatric Pads	
Shelf life	36 months from manufacture date (PADS-16B) 30 months from manufacture date (PADS-16Q /PADS-16CQ)
Electrodes	Disposable pads
Placement	Adult: Anterior-lateral Pediatric: Anterior-posterior
Minimum active gel area	80 cm ² +/-5%
Cable length	About 1.8 m

Environmental Conditions	
Temperature	Operation: 0 to 43°C (32 to 109.4°F) Storage: 0 to 43°C (32 to 109.4°F)
Relative Humidity	5 to 95% RH (Non-condensing)

Battery

Battery	
Type	LiMnO ₂ , Disposable, Long Life Primary Cell
Voltage/Capacity	15V, 3000 mAh
Shelf Life <small>(in the original packaging)</small>	2 years from manufacture date
Standby Life <small>(inserted in the AED)</small>	5 years from manufacture date
Discharge	A minimum of 200 shocks (except the CPR period between the defibrillation therapy) or more than 6 hours of operating time at 20°C

Environmental Conditions	
Temperature	Operation: 0 to 43°C (32 to 109.4°F) Storage: 10 to 25°C (50 to 77°F)
Relative Humidity	5 to 95% RH (Non-condensing)

CPR Feedback Module

CPR Feedback Module (option)	
Dimensions	80 mm diameter
Medical device class	IM

Measuring range	
Frequency	1 to 160 compressions/min
Depth	1 to 127 mm

Accuracy (flat surface)	
Frequency	+/- 3 /min (averaged)
Depth	< 10%
Ingress Protection	IP55
Impact Protection	IK09

Adhesive Pad (option)	
Dimensions	100 mm diameter



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