



ZOLL Semi Automated External Defibrillator

AED01



Specification

AED01

Size (H x W x D)	5.25" x 9.50" x 11.50"; 13.3cm x 24.1cm x 29.2cm
Weight	6.7lbs, ; 3.1kg
Power	User Replaceable Batteries. 10 Type 123A Photo Flash lithium manganese dioxide batteries
Device Classification	Class II and internally powered per EN60601-1
Design Standards	Meets applicable requirements of UL 60601-1, AAMI DF-39, IEC 601-2-4, EN 60601-1, IEC 60601-1-2

Environment

Operating Temperature	PS Model: 32° to 122° F; 0° to 50°C
Storage Temperature	PS Model: -22° to 158° F; -30° to 60°C
Humidity	10 to 95% relative humidity, non-condensing
Vibration	MIL Std. 810F, Min Helicopter Test
Shock	PS Model: IEC 68-2-27; 100G
Altitude	PS Model: -300 to 15,000 ft.; -91m to 4573m
Aircraft	Method RTCA/DO-160D: 1997 Section 21, Category M—all operating modes.
Particle & Water Ingress	IP-55



Defibrillator

Waveform	Rectilinear Biphasic
Defibrillator Charge Hold Time	30 Seconds
Energy Selection	Automatic pre-programmed selection (Adult mode: 120J, 150J, 200J; Paediatric mode: 50J, 70J, 85J)
Patient Safety	All patient connections are electrically isolated
Charge Time	Less than 10 Seconds with new batteries
Max Time From First Rhythm Analysis To Unit Charge & Ready To Shock	With new batteries: 12 Seconds With batteries depleted by 15 200J discharges: 13 seconds
Max Time From Power On To Unit Charged & Ready To Shock AT 200J	22.6 Seconds
Electrodes	ZOLL stat.padz II, CPR-D.padz or pedi.padz II
Electrode Lifespan	5 Years
Built in Defibrillator Self Test	Included
CPR	*Metronome Rate: Variable 60-100 CPM Depth: 3/4" to 3"; 1.9 to 7.6cm
Defibrillation Advisory	Evaluates electrode connection and patient ECG to determine if defibrillation is required. Shockable Rhythms: Ventricular fibrillation with average amplitude > 100 microvolts and wide complex ventricular tachycardia with rates greater than 150 BPM (adult mode) and 200 BPM (paediatric mode). Refer to ECG Analysis Algorithm Accuracy Section for sensitivity and specify performance.
Electrode Patient Impedence Measurement Range	0 to 300 ohms
Defibrillator Electrode ECG Circuitry	Protected
ECG Bandwidth	2-30 Hz
Display Format	Optional LCD with Moving Bar Size 2.6" x 1.3"; 6.6cm x 3.3cm Viewing time: 2.6 seconds
Display Sweep Speed	25mm/ sec
Battery Capacity	Typical new battery (20°C): <ul style="list-style-type: none">• Stand-by life with batteries installed: 5 years, or• 300±5 continuous shocks: 250 ±5 shocks after 'change battery' indicator; Or• At least 13 hours of continuous monitoring time.