

ZOLL AED 3 Defibrillator

The ZOLL AED 3® defibrillator leads the way with Real CPR Help® technology, which provides real-time feedback to guide rescuers in delivering high-quality CPR. The innovative, intuitive design and enhanced features of ZOLL AED 3 will give unexpected heroes both the confidence and the knowledge needed to treat SCA.



Enhanced Real CPR Help

- Proven Real CPR Help technology helps rescuers deliver high-quality CPR. The ZOLL AED 3 has a full-color display with vivid rescue images, a CPR cycle timer, and a large color bar gauge that shows CPR compression depth. In addition to displaying integrated, real-time CPR feedback, the ZOLL AED 3 screen also includes one-of-a-kind intuitive touch-screen capabilities. The touch-screen allows quick access to AED information and enables configuration without the need for additional external devices or software.

Integrated Pediatric Rescue

- CPR Uni-padz™ electrodes gives rescuers a single solution for both adult and pediatric victims of SCA. To treat a child, use the same set of pads and simply activate child mode.

Weight: 5.5 lbs; 2.5 kg

Shock-to-Shock Cycle Time: Less than 10 second charge time and 8 second pre-shock pause

Estimated 10-year cost: Estimated cost over 10 years when replacing pads and battery at years 5 and 10 is \$570

Warranty: 7 years

Options:

ZOLL AED 3 for BLS:

Includes installed pads and battery

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Includes installed pads and battery

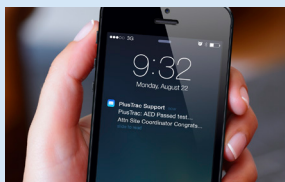




Real CPR Help® assists rescuers in delivering high-quality CPR by providing real-time feedback on chest compression rate and depth.



Activate child mode for paediatric rescue with CPR Uni-padz™.



WiFi connectivity makes it easy to manage all your devices and receive immediate email updates on AED readiness status.



Universal CPR Uni-padz can be used for both adult and child rescues. They are the only pads that last 5 years and also include an integrated rescue kit.

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ZOLL AED 3 Specifications

Defibrillator

Protocol: Semiautomatic and Fully Automatic configuration

Waveform: ZOLL Rectilinear Biphasic™

Defibrillator Charge Hold Time: 30 seconds; ZOLL AED 3 Automatic model: 3 seconds prior to automatic shock delivery

Energy Selection: Factory preprogrammed selection (Adult: 120 J, 150 J, 200 J; Child: 50 J, 70 J, 85 J)

Patient Safety: All patient connections are electrically isolated

Charge Time: Less than 10 seconds with new battery

Pre-shock Pause: Less than 5 seconds (semi-automatic) and less than 8 seconds (automatic) with new battery

Electrodes: ZOLL CPR Uni-padz™

Self-test: Configurable automatic self-test every day or every 7 days. Default: every 7 days. Monthly full-energy test (200 J).

Automatic Self-test Checks: Battery capacity, status, and expiry; electrode connection and expiry; ECG and charge/discharge circuits; microprocessor hardware and software; CPR circuitry and pads sensor; audio circuitry

Compression Depth: 1.9 cm to 10.2 cm; 0.75 in to 4 in

Defibrillation Advisory: Evaluates defibrillation pad 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 for adults, 200 BPM for paediatrics. For ECG analysis algorithm sensitivity and specificity, refer to ZOLL AED 3 Administrator's Guide.

Patient Impedance Measurement Range: 10 to 300 ohms

Defibrillator: Protected ECG circuitry

Display Format: High-resolution LCD with capacitive touch panel

Display Screen Size: 5.39 cm x 9.5 cm; 2.12 in x 3.74 in

Data Recording and Storage: User-configurable for 1 or 2 clinical events for total of 120 minutes. Includes ECG, impedance measurements, device prompts and CPR data.

Data Recovery: Controlled by touchscreen, uploaded to USB memory stick, or ZOLL Case Review™ over a Wi-Fi network

Internal Clock Synchronisation: Coordinated Universal Time (UTC) synchronisation occurs when communicating with the ZOLL Online server.

Device

Size: (H x W x D)
12.7 cm x 23.6 cm x 24.7 cm;
5.0 in x 9.3 in x 9.7 in

Weight: 2.5 kg; 5.5 lbs (with battery)

Power: Battery

Wireless: 802.11 a/b/g/n

Security Protocols: WPA 1, WPA 2, WPA Personal, WPA Enterprise

Port: USB 2.0

Rescue Accessory Pack Contents: Non-latex gloves, a CPR barrier mask, razor, paper towel, and towelette.

Device Classification: Class II and internally powered per EN60601-1

Design Standards: Meets applicable requirements of EN 60601-1, IEC 60601-1-11, IEC 60601-2-4

Environmental

Operating Temperature: 0° to 50°C; 32° to 122°F

Storage Temperature: -30° to 70°C; -22° to 158°F

Humidity: 10% to 95% relative humidity, non-condensing

Vibration: IEC 60068-2-64, Random, Spectrum A.4, Table A.8, Cat 3b; RTCA/DO-160G, Fixed Wing Aircraft, Section 8.6, Test Cat. H, Aircraft Zone 1 and 2, EN 1789, Sweep per EN 60068-2-6 Test Fc.

Shock: IEC 60068-2-27; 100G

Altitude: -381 m to 4573 m; -1250 to 15,000 ft

Particle and Water Ingress: IP55

Drop Test: 1 meter; 3.28 feet

Battery

Battery Capacity: Typical new battery running at an ambient temperature of +20° C to +25° C (68° F to 77° F) can provide: 140 defibrillator discharges at maximum energy (200 joules), or 6 hours of continuous monitoring (with 2-minute CPR periods) Note: CPR periods shorter than 2 minutes can decrease the operating time that can be obtained from a new battery.

Type: Disposable, sealed lithium manganese dioxide

Battery Standby Life (once installed): 5 years with weekly self-test. End of life indicated by blank status window (typical remaining shocks: 9).

Battery Shelf Life: Store for up to 2 years at 23°C (77°F) prior to installing in ZOLL AED 3 to maintain above battery life.

Temperature : 0°C to 50°C (32°F to 122°F)

Humidity: 10% to 95% (non-condensing)

Weight: 317.5 grams; 0.7 lbs

Size: (H x W x D)
27.75 mm x 133 mm x 88 mm;
1.0 in x 5.16 in x 3.5 in

Nominal Voltage: 12 volts

CPR Uni-padz

Shelf Life: 5 years

Conductive Gel: Polymer Hydrogel

Conductive Element: Tin

Packaging: Multilayer foil laminate pouch

Impedance Class: Low

Cable Length: 142 (+/-3.8) cm; 56 (+/- 1.5) in

Design Standards: Meets requirements of IEC 60601-2-4, 2010

¹Snyder DE, et al. *Crit Care Med.* 2004;32(9) Supplement:S421-S424.

²ERC Guidelines for Resuscitation 2015. *Resuscitation.* 2015;95:20.

Specifications subject to change without notice.

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