



The **Zoll R Series** defibrillator features simple, smart, and ready defibrillation to hospitals. The R Series offers easy-to-use technology that will deliver high-quality CPR. With its different models, this defibrillator makes code-readiness possible for every hospital department with advances, cost-effective solutions for resuscitation. The Zoll R Series is available with pacing, end-tidal CO₂, non-invasive blood pressure (NIBP), and SpO₂ monitoring capabilities. Once a day this defibrillator conducts an automated, comprehensive self-test that includes battery status and electrode integrity to ensure it's code-ready.

Features

- Always Code-Ready
- Remote viewing and administration from PC or mobile device
- History of readiness logs for the Joint Commission
- Readiness check includes defib, pacing, and ECG modules; AC power; battery; 30-joule shock test; electrodes attached and not expired
- Customizable dashboard



Specifications

Dimensions	<p>Height: 8.2" (20.8 cm)</p> <p>Width: 10.5" (26.7 cm)</p> <p>Depth: 12.5" (31.7 cm)</p> <p>Weight: 15.2 lbs (6.9 kg)</p>
Power	<p>Voltage: 100-120 V AC</p> <p>Frequency: 50/60 Hz</p> <p>Battery: Rechargeable Lithium-Ion battery pack</p>
Waveform	<p>Rectilinear Biphasic</p> <p>Patient Impedance Range: 15 to 300 ohms.</p> <p>Energy Selections: 1 to 10, 15, 20, 30, 50, 75, 100, 120, 150, and 200 joules selected using controls on front of the defibrillator or sternum paddles.</p>
Smart Step Energy Levels	Automatically escalates energy through a configured adult or pediatric protocol.
Charge Time	Less than 7 seconds with a new, fully charged battery (first 15 charges to 200 joules); longer charge times may result with a depleted or older battery.
Synchronized Mode	Synchronizes defibrillator pulse to patient's R wave. "SYNC" message displayed on monitor and markers shown on both monitor and recorded ECG.
Paddles	External apex/sternum paddles; adult plates slide off to expose pediatric electrode surface.
Code Readiness Testing	Verifies defibrillator hardware, therapy delivery cable (with both paddles and electrodes), electrode condition and expiration (with select OneStep electrodes) without the need for a separate test fixture.
Patient ECG Connection	3-lead ECG cable, 5-lead ECG cable, paddles, or hands-free electrodes; selectable by front panel switch.
ECG Lead Selection	I, II, III aVR, aVL, aVF, V, P1, P2, P3 with OneStep Pacing electrode.
ECG Size	0.5, 1.0, 1.5, 2.0 or 3.0 cm/mV display on monitor
Heart Rate Display	0 to 300 bpm \pm 5%



Specifications

Display

Screen Type: Color, VGA liquid crystal display (LCD)

Screen Size: 6.5 inches (16.5 cm) diagonally

Sweep Speed: 25 mm/sec

Viewing Time: 5 seconds with standard display format

Channels: 3

Information: Heart Rate, Leads/Pads, Alarm On/Off, Selected Energy, Delivered Energy, User Prompts and Warnings, Code Readiness Test Results, SpO₂, NIBP, EtCO₂, Pacer Functions, Code Markers, CPR Dashboard

Battery

Type: 10.8 V (nominal) rechargeable lithium ion

Capacity: 5.8 amp hours

Weight: 1.7 lb (0.77 kg)

Recharge Time: 5 hours or less with integral charger

Operating Time: >4 hours of continuous ECG monitoring; 100 maximal energy (200 joules) discharges; 3.5 hours of continuous ECG monitoring and pacing at 60 mA, 80 ppm

Recorder

Technology: 90 mm thermal array; 80 mm grid width

Speed: 25 mm/sec, 6-second delay

Printing Modes: Manual or automatic

Annotations: Time, date, defibrillation energy, patient impedance, heart rate, pacer output, QRS synchronization marker, ECG size, ECG lead, alarm, defibrillator test results, analyze ECG, ECG bandwidth

NIBP

Patient Population: Adult, Pediatric

Method: Oscillometric

Control: Automatic and manual measurement

External Pacing

Type: VVI demand; asynchronous (fixed rate) when used without ECG leads or in asynchronous (ASYN) pacing mode.

Pulse: Rectilinear, constant current: 40 ms \pm 2 ms; variable 0 to 140 mA \pm 5% or 5 mA, whichever is greater. Rate is variable from 30 to 180 ppm \pm 1.5%.

Output Protection: Fully defibrillator protected and isolated.

OneStep Pacing: Eliminates the need to connect separate ECG leads when used in conjunction with OneStep Pacing and OneStep Complete electrodes.

WiFi Capable

WiFi 802.11 a/b/g/n Ambicom-specific 1100C-CF Card P/N 8005-000101-01 compatibility.

Typical Readiness File: 750K

Typical Code Data File: 1.2 MB

