



The **Zoll R Series** is a defibrillator and monitor that can provide CPR, defibrillation, and pacing therapies. The Zoll R is not just known as being a defibrillator it offers 3-lead ECG, pacing, end-tide Co₂, Non-invasive Blood Pressure (NIBP), and SpO₂ Monitoring. With wireless connectivity, the defibrillator can give health providers a quick overall snapshot of the patient's health via a pc or mobile device. With a color display screen, you can view the CPR dashboard which can show depth, rate, and visual indicator of compression releases.

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

Height: 8.2" (20.8 cm)
Width: 10.5" (26.7 cm)
Depth: 12.5" (31.7 cm)
Weight: 15.2 lbs (6.9 kg)

Power

Voltage: 100-120 V AC
Frequency: 50/60 Hz
Battery: Rechargeable Lithium-Ion battery pack

Waveform

Rectilinear Biphasic
Patient Impedance Range: 15 to 300 ohms.
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.

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 (ASYNC) 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

