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 ±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 ±2 ms; variable 0 to 140 mA ±5% or 5 mA, whichever is greater. Rate is variable from 30 to 180 ppm ±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