



The Zoll X Series Defibrillator is a rugged, compact and lightweight unit that is designed for all resuscitation situations and is ideal for transport. The Zoll X Series is powered by auxiliary power as well as an easily replaceable battery pack that quickly recharges when the X Series is connected to auxiliary power.

The Zoll X Series unit assists caregivers during cardiopulmonary resuscitation (CPR) by evaluating the rate and depth of chest compressions and providing feedback to the rescuer.

The unit has a large color LCD display of numeric and waveform data that provides easy visibility from across the room and at any angle. ECG, plethysmograph and respiration waveform traces can be displayed simultaneously, giving easy access to all patient monitoring data at once. The display screen is configurable, so you can choose the best visual layout to fit your monitoring needs. The X Series includes a transcutaneous pacemaker consisting of a pulse generator and ECG sensing circuitry. Pacing supports both demand and fixed noninvasive pacing for adult patients and adolescent, child, and infant pediatric patients.

The X Series also offers a patient data review and collection system that allows you to view, store, and transfer patient data. The X Series unit contains a printer and USB port, which you can use to print the data and transfer it to a PC.



## Features

- Capnography
- Pulse oximetry
- Three invasive pressures
- Two temperature channels
- Non-invasive blood pressure

# Specifications

## Dimensions

Height with Handle: 10.4 in (26.4 cm)  
Height without the Handle: 8.75 in (22.2 cm)  
Width: 8.9 in (22.6 cm)  
Depth: 7.9 in (20.1 cm)  
Weight without the battery and Paper: 10.6 lbs  
Weight with the battery and paper: 11.7 lbs

## Operating

Temperature: 0 to 50°C  
Humidity: 15 to 95% RH (non-condensing)  
Vibration  
    EN ISO 9919 (per IEC 60068-2-64)  
    RTCA/DO-160G (multiple helicopter frequencies)  
    EN 1789 for ambulance  
Shock: IEC 60068-2-27, 100g, 6ms half sine  
Drop:  
    EN 1789, 30" functional drop  
    IEC 60601-1, Tested at 2 meters  
Altitude: -170 M to 4572 M (-557 feet to 15,000 feet)

## Temperature and Storage

Temperature: -30 to 70°C  
Humidity: 15 to 95% RH (non-condensing)  
Atmospheric pressure: 572 mbar to 1034 mbar  
Shock/vibration: MIL STD 810G, Method 514.6, 4.4.2, Procedure II  
Safety Classification: Class 1 and internal power per IEC/EN 60601-1

## AC Auxillary Operating Power

input  
100-240V 50-60 Hz, 2A  
100-115V 400 Hz, 2A  
Output: 14.5V 4.15A 80W (peak)

## Battery

Type: Rechargeable Lithium-Ion, 11.1Vdc, 6.6 Ah, 73Wh  
Capacity:  
At least 6 hours of continuous monitoring of ECG, SpO<sub>2</sub>, CO<sub>2</sub>, three Invasive Pressure channels, and 2 channels of Temperature, with NIBP measurements every 15 minutes and 10 200 J shocks (display set to 30%).  
At least 100 discharges at maximum shock energy (200 joules).  
At least 3.5 hours pacing, with ECG, SPO<sub>2</sub>, CO<sub>2</sub>, three Invasive Pressures, temperature, NIBP every 15 minutes and pacing at 180 ppm, and 140 mA.  
At least 300 discharges at maximum shock energy (200 joules) with no parameters and 70% brightness.  
At least 10 discharges at maximum shock setting (200 joules) after a Low Battery indication.  
Battery Indicators: 5 Battery capacity LED indicators, Fault indicator, Recalibration indicator  
Recharge Rate: 100% in 4 hours, when initiated at Low Battery indication.