

# LIFEPAK® CR2

## Automated External Defibrillator (AED)

Fully Automatic



### PUBLIC ACCESS AED



Sudden Cardiac Arrest (SCA) can happen to anyone - anywhere. Immediate treatment is vital. A victim's chance of survival dramatically decreases for every minute without treatment. That's why public access defibrillators are so important.

The LIFEPAK® CR2 Fully Automatic Defibrillator offers premium features including:

- **ClearVoice™ technology** - Detects background noise and adjusts tones and voice prompts to ensure they can be heard more clearly in noisy environments.
- **cprINSIGHT™ analysis technology** - Enables the defibrillator to analyze the patient's heart rhythm while CPR is being performed, thereby reducing pauses between CPR and defibrillation.
- Available with **Cellular 4G** connectivity to notify you when the device is being used, the battery or pads require replacement, or to locate the AED.

LIFEPAK® CR2 has the option of connectivity, either Wi-Fi only or Cellular 4G and Wi-Fi, so you can be alerted when the battery or electro pads need to be replaced.	CR2 Essential AEDLCR2EFA	CR2 Connected Wi-Fi AEDLCR2WFA	CR2 Connected Wi-Fi & Cellular 4G AEDLCR24FA
<b>Easy to follow bold graphics</b> - Both trained and untrained AED users can visually see how to begin	✓	✓	✓
<b>Fully Automatic</b> - Does not require a button be pushed to deliver a shock, if required	✓	✓	✓
<b>QUIK-STEP™ electrodes</b> - Peel directly off the base for faster placement	✓	✓	✓
<b>Metronome and CPR coaching</b> - Sets an effective pace and audibly guides users	✓	✓	✓
<b>ClearVoice™ technology</b> - Detects background noise and adjusts tones and voice prompts to ensure they can be heard more clearly in noisy environments	✓	✓	✓
<b>Highest available escalating energy</b> - Up to 360J for more effective shocks as needed	✓	✓	✓
<b>Child &amp; Adult mode</b> - No need to change electrode pads	✓	✓	✓
<b>IP55 rating</b> for increased dust and liquid ingress protection	✓	✓	✓
<b>Backed by an 8-year warranty</b>	✓	✓	✓
<b>Low cost of ownership</b> - Scheduled battery and electrode pad replacement every 4 years	✓	✓	✓
<b>cprINSIGHT™ analysis technology</b> - Enables the AED to analyze the patient's heart rhythm while CPR is being performed, thereby reducing pauses between CPR and defibrillation	✗	✓	✓
<b>LIFELINKcentral™ AED program manager</b> - Monitors "connected" AEDs and alerts you of anything that may affect device readiness	✗	✓	✓
<b>Wi-Fi</b> - Connects via Wi-Fi to LIFELINKcentral™	✗	✓	✓
<b>Cellular 4G and Wi-Fi</b> - Connects via cellular (mobile phone network) and/or Wi-Fi to LIFELINKcentral™ - useful when devices are mobile	✗	✗	✓
<b>Automatic Tracking of AED location</b> - AED locator feature to locate AED if it is moved outside of its set radius	✗	✗	✓

**AVAILABLE FROM SAFETYQUIP**

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#### Defibrillator

**Waveform:** Biphasic Truncated Exponential with voltage and duration compensation for patient impedance.

**Patient impedance range:** 10 – 300 ohms.

**Energy accuracy:** 10% of the energy setting into 50 ohms, 15% of the rated energy output into 25 – 175 ohms.

**Output energy sequence:** Multiple levels, configurable from 150 joules to 360 joules.

**Energy default:** 200J, 300J, 360J (adult) 50J, 75J, 90J (pediatric)

**Shock Advisory System™:** An ECG analysis system that advises whether a shock is appropriate.

**cprINSIGHT™ analysis technology:** Enables the defibrillator to analyze the patient's heart rhythm while CPR is being performed. CPR coaching: Instructions for adult and pediatric CPR, including feedback when no CPR is detected, rate and depth guidance, a metronome and instructions on hand placement.

**CPR coaching:** Instructions for adult and paediatric CPR, including feedback when no CPR is detected, rate and depth guidance, a metronome and instructions on hand placement.

**Time to shock at 360J after CPR (with cprINSIGHT enabled):** Fully automatic: < 13 seconds.

**Charge time:** 0 seconds for first 150J or 200J shock (as device is pre-charged). With cprINSIGHT enabled, subsequent shocks will be charged during CPR and ready to shock at the end of the CPR period.

#### Controls

**Lid release/ON-OFF:** Controls device power.

**Shock button, fully automatic:** Flashes prior to delivering shock without requiring user intervention.

**Child Mode button:** Allows operator to switch to Child Mode for reduced energy and CPR guidance appropriate for children.

**Language button:** Optional feature allows operator to switch between the primary and secondary languages for an optional multilanguage configuration.

**Electrical protection:** Input protected against high voltage defibrillator pulses per IEC 60601-1/EN 60601-1.

**Safety classification:** Internally powered equipment. IEC 60601-1/EN 60601-1.

#### User interface

**User interface:** The user interface includes voice prompts and audible tones.

**ClearVoice™ technology:** Detects background noise and adjusts audio and voice prompts to ensure they can be heard clearly in noisy environments.

**Device status indicators:** Visual and audible indicators indicating system readiness (device, pads and battery).

#### Environmental

**Note:** All performance specifications defined assume the unit has been stored (two hours minimum) at operating temperature prior to operation.

**Operating temperature:** 0° to +50°C.

**Storage temperature:** -30° to +60°C with battery and electrodes, maximum exposure time limited to one week.

**Long term storage:** Always store the defibrillator within the recommended temperature range of 15° to 35°C.

**Altitude:** -1,253 to 15,000 ft (-382 to 4,572 m).

**Relative humidity:** 5 to 95% (non-condensing).

**Dust and water resistance:** IEC 60529/EN 60529 IP55 with electrodes connected and battery installed.

**Shock:** IEC 60068-2-27, (40g, 11 ms pulse, ½ sine each axis).

**Vibration:** MIL-STD-810G, method 514.6, helicopter – category 14 and ground vehicle – category 20.

#### Physical characteristics

**With handle, including electrodes and battery:**

- Height: 9.7 cm
- Width: 22.6 cm
- Depth: 27.4 cm
- Weight: 2.0 kg

#### Data storage

**Memory type:** Internal digital memory (flash RAM).

**ECG storage:** Minimum 60 minutes of ECG stored for two patient episodes.

#### Accessories

##### Primary battery:

- **Type:** Lithium manganese dioxide (Li/MnO<sub>2</sub>), 12.0V, 4.7 amp-hours.
- **Capacity (at 20 °C):** Will provide 166 200 joule shocks (with one minute of CPR between shocks) or 103 360 joules shocks (with one minute of CPR between shocks) or 800 minutes of operating time.
- **Standby life (assuming daily tests only):** A new battery provides device power for 4 years if installed in device that is not used.
- **Replace battery indication:** At least 6 shocks and 30 minutes of operating time remain when first indicated.
- **Weight:** 0.3 kg

##### Electrode pads:

- **Pads:** Can be used on both adult and pediatric patients.
- **Pads packaging:** User intuitive, rapid access electrodes.
- **Pads replacement:** Replace every 4 years or after each patient use.

#### Communications

**Communications:** USB, Wireless 802.11 b/g/n, or cellular data transfer to LIFELINKcentral AED program manager or LIFENET® System.

**Frequency range:-** Wi-Fi: 2400MHz – 2483.5MHz- Cellular: WCDMA 800/ 850/ 900/ 1700/1900/2100; GSM 850/900/1800/1900

#### Location tracking

**Automatic tracking of AED location:** Over cellular network (4G model only)



Scan QR Code to watch VIDEO

M2001A06-240910A

AED users should be trained in CPR and in the use of the AED. \* Although not everyone can be saved, studies show that early defibrillation can dramatically improve survival rates. \* The information presented is intended to demonstrate Stryker's product offerings. Refer to operating instructions for complete directions for use indications, contraindications, warnings, cautions, and potential adverse events, before using any of Stryker's products. Specifications subject to change without notice. ISSUED SEPTEMBER 2024.