



# BeneHeart C Series

Semi or Fully Automated External Defibrillator (AED)

[www.mindrayuk.com](http://www.mindrayuk.com)

**mindray**

# BeneHeart C Series

## Semi or Fully Automated External Defibrillator (AED)



### Key Features



Open the lid to power on in 2 seconds



Choose between semi automatic or fully automatic models



Up to three languages built in. 27 languages to choose from



Pre-connected adult/child pads with 5 years lifecycle



Adult and child modes



7" TFT color screen (C2 model only)

## Intelligent ResQNav<sup>TM</sup>

When using an AED in a public setting, most rescuers lack resuscitation experience and therefore need detailed guidance; however experienced rescuers may only need simple prompts to help them. Using comprehensive user research data, Mindray has developed ResQNav technology which evaluates the AED user's proficiency and automatically provides targeted, intelligent rescue instructions based on their ability.

### Adaptive rescue guidance

When the rescuer is inexperienced, the time it takes to apply the pads will be longer than if they were a proficient AED user. ResQNav recognises this delay and provides more detailed guidance, walking the rescuer through the process with voice prompts.

The BeneHeart C2 AED also includes a 7" colour TFT screen, which provides animated guidance to the user, in addition to the audio commands.



**Skilled** rescuer

Remove clothing from patient's chest.

Apply pads as shown on pads.



**Unskilled** rescuer

Remove pads package from lid of AED. Tear open package. Apply pads as shown on pads.

Apply pads **firmly** to patient's bare chest as shown.

.....

### Continuous encouragement during CPR process



ResQNav provides comprehensive CPR guidance in accordance with the latest AHA/ERC guidelines to help rescuers perform high quality CPR.

- CPR mode can be configured to 30:2, 15:2 and hands-only
- Automatically adjusts CPR guidance when adult or child modes are selected.
- CPR metronome
- CPR real-time feedback<sup>1</sup>



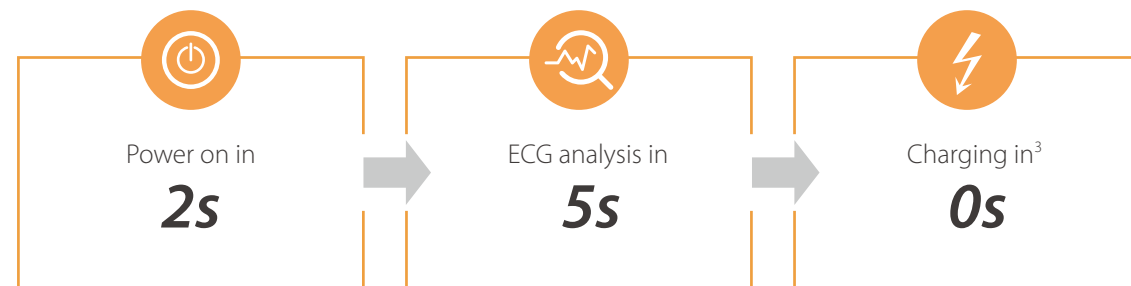
<sup>1</sup> Requires optional CPR sensor. For further information about the availability of CPR sensors in your region, please contact your local sales representative.



# Rapid QShock™

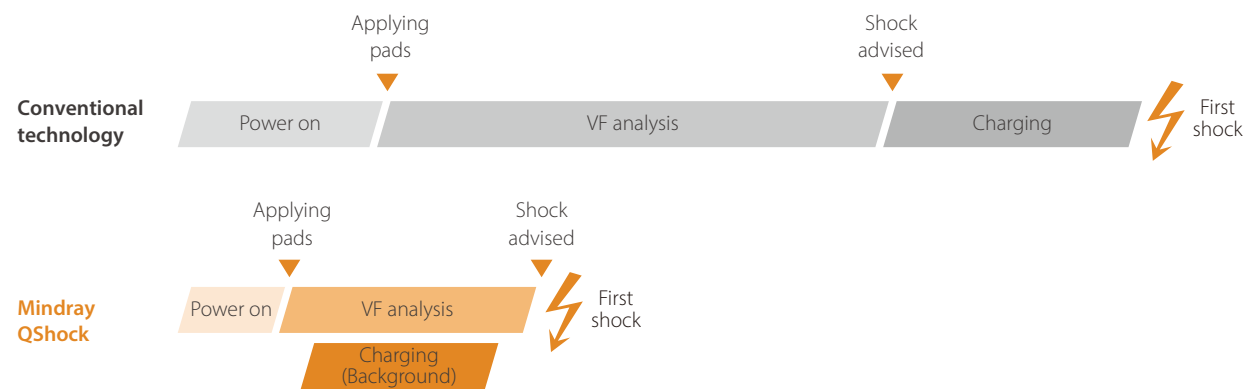
## Faster time to first shock

Success rates for defibrillation drop with every second. BeneHeart C Series AEDs are equipped with new Mindray QShock technology, meaning it takes less than eight seconds to deliver the first shock, helping increase the chance of a successful rescue.<sup>2</sup>



## How does QShock achieve a faster first shock?

QShock not only shortens the time of power-on and heart rhythm analysis but also performs synchronous pre-charging during ECG analysis. After the rhythm analysis is completed the first shock can be delivered without delay, reducing the time it takes to deliver potentially life-saving therapy.



<sup>2</sup> Not including the time to apply pads.  
<sup>3</sup> Device pre-charges during ECG analysis.

## Higher energy when needed

Mindray BeneHeart C series AEDs feature 360J biphasic technology with auto-compensation. The device will adjust the shock based on patient impedance, which helps increase the successful rescue of difficult-to-defibrillate patients, such as bariatric or those with a low core temperature.

The C Series provides defibrillation therapy according to AHA and ERC guidelines; delivering 200J initially, then 300J for the second shock and 360J in the third. However, this can be adjusted to comply with other protocols, using the Mindray C Series configuration tool.

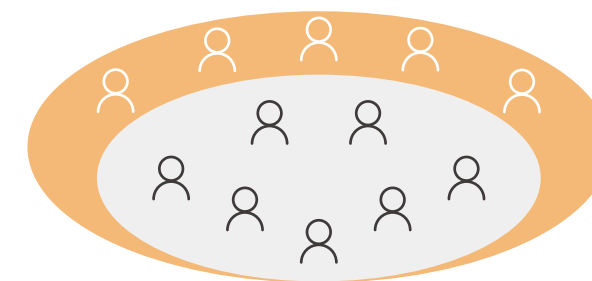
*If using a manual defibrillator capable of escalating energies, higher energy for second and subsequent shocks may be considered.*

-- 2015 AHA Guideline, Part 7

*... a larger study showed termination rates of refrillation declined when using repeated 200J shocks, unless an increased energy level (360J) was selected.*

*Human studies have not shown harm (raised biomarkers, ECG changes, ejection fraction) from any biphasic waveform up to 360J.*

-- 2015 ERC Guideline, Section 3



200J works for many people, but not all.

**360J can be effective when 200J has failed.**

## Reliable and ready to respond

The Mindray BeneHeart C Series has been rigorously tested to ensure it provides ultimate reliability; so when called upon, no matter what the circumstance, it is ready to respond.



1.5m drop tested



IP55 water/dust proof



Meets all standards for use in helicopters and other emergency transport

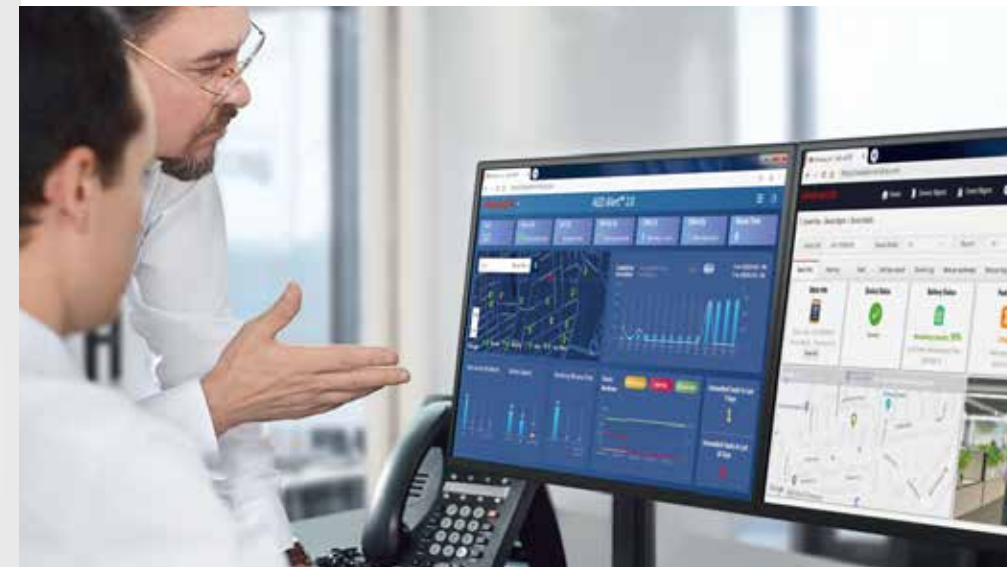
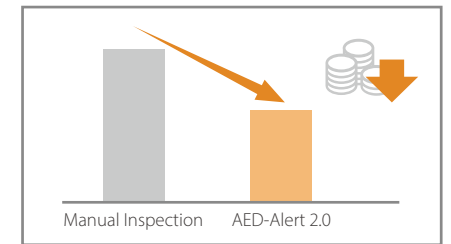


The durable battery and pads have a life cycle of 5 years from date of manufacture

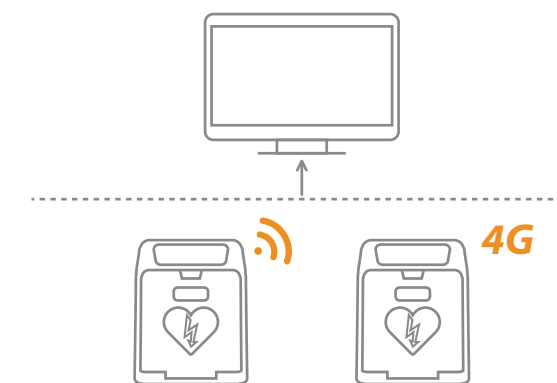


## Make managing AEDs easier

It's essential that AEDs are always ready for rescue. Traditional, manual inspections of AED devices is time-consuming and labor-intensive which is why Mindray has developed AED-Alert™ 2.0 - the quick and cost-effective way to remotely manage AEDs.



- AED Dashboard: Complete visibility of all AED devices
- See the live status of each AED in a snapshot
- Receive alert when AEDs are moved outside of a predetermined geo-location
- Prioritised notifications of pads expiration dates



## Flexible connectivity

BeneHeart C Series AEDs can be equipped with Wi-Fi or 4G connectivity, allowing remote management with AED-Alert 2.0.



## High data security

AED-Alert 2.0 fully meets the EU General Data Protection Regulation (GDPR).

# Configurations

BeneHeart C1A AED



BeneHeart C2 AED



	BeneHeart C1A Semi Automatic	BeneHeart C1A Fully Automatic	BeneHeart C2 Semi Automatic	BeneHeart C2 Fully Automatic
7" TFT Screen	No	No	Yes	Yes
Defibrillation Mode	Semi Auto	Fully Auto	Semi Auto	Fully Auto
Shock Button	Yes	No	Yes	No
3 Languages	Yes	Yes	Yes	Yes
Wifi / 4G	Optional	Optional	Optional	Optional
Battery/pads lifecycle	5 years	5 years	5 years	5 years
Standard warranty	5 years	5 years	5 years	5 years

## Accessories



Wall Bracket



Wall Cabinet



Backpack



Preparation Kit



Battery



MR62 Adult/Child Pads

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