



BEESSWIFT®
FOCUSED ON SAFETY



VIVEST

Ready to save lives.



WHO ARE VIVEST?

Vivest are dedicated to bringing the best automated external defibrillators (AEDs) to the market, helping to save lives and making sure that everyone is prepared for a cardiac emergency.

Vivest has been involved in the AED industry for many years, and they are proud to provide one of the most innovative and efficient defibrillators available today. They have a range of models available to suit any budget and are committed to providing the best customer service.

Vivest AEDs are designed with ease of use, efficiency and reliability in mind. Working with well-known cardiovascular experts from around the world, they focused on scientific research and development trends to create their products. Each model has been independently tested to ensure that they meet the highest of standards.

Their AEDs are also equipped with the latest technology and features, including voice instructions, easy-to-follow graphics, quick analysis to shock time and CPR support.

Beeswift and Vivest together are here to help you find the perfect AED solution for your needs.

BENEFITING PATIENTS HEALTH AND ADVANCING ACCESS TO MEDICAL INNOVATIONS.

Through their innovative research and commitment, Vivest are dedicated to bring a solution for all cardiac events. This innovation will lead to progressive generations of our AEDs and also include new products.

OUR PRODUCTS

THE POWERBEAT X SERIES

No matter when or where a sudden cardiac arrest (SCA) occurs, whether it is at the office, on a construction site, a warehouse, a sports field or public access environment, Vivest's PowerBeat X Series AEDs are ready to save lives.

Using innovative technology, they have developed the most efficient defibrillators available on the market. Their slimline and lightweight AEDs can provide a shock within 7 seconds of analysis.



Developed with ease of use in mind, the AEDs can be used by anybody. The simple voice commands which can be switched through multiple languages and images guide the user through the process.

A single push of a button switches on the device and the pre-connected smart pads simplify operation and save precious time. Text and voice prompts guide the user throughout the rescue process, including shock delivery and CPR guidance.

The devices take 7 seconds from the prompt 'shock advised' till discharge available and provides fast and stable ECG analysis of the event.

Vivest AEDs are heavily reliable having been drop tested to over 1.5 metres and are slimline and lightweight enough to fit in your every day rucksack or first aid bag.



LIGHTWEIGHT, COMPACT AND DURABLE



The device has an IP55 rating so is protected against dust and is able to function effectively under the most extreme weather conditions.



Ideal operating temperature is 0°C-+50°C. After leaving room temperature to environments under -20°C, can remain in operation for 60 minutes.



The entirety of the device's surface can withstand damage from a free fall height of 1.5 metres, allowing it to easily handle falls and accidents.



The device weighs only 1.5kg. It is lightweight and compact enough for an user to carry, allowing it to partake in rescue efforts with ease.

POWERBEAT AED X1



The real “mobile” device

Smart and compact, makes the device more adaptable on a fixed place, and more reliable on the mobile terminal.

Accurate diagnosis, clear display

Colour tutorials increase the reliability of the intuitive operation of rescuer, and the content of voice prompts further guarantees the life safety of patients.

Integrating technology and aesthetics

The grass-green colour scheme shows the vitality of life, which can arouse social attention.

Product model	Powerbeat X3
Size (H x W x D) cms	23.2 x 20.9 x 5.9
Colour display	No
On click language switch	No
Protection grade	IP55
Daily self check	Yes
Battery/Pad life	4 years

Product highlights

- Slimline and lightweight - H 23.2 x W 20.9 x D 5.9 1.5KG
- Simple audio and visual instruction for the user
One of the easiest to use on the market
- Time to shock 7 seconds
- Battery life of 4 years and capable of up to 200 shocks
- Smart Pads life of 4 years which allow for biphasic shock
- CPR features with metronome
- Algorithm capable of detecting implants such as pacemaker and internal defibrillator
- Automated ECG recording of up to 8 hours
- Daily self testing ensures device is ready for use
- IP55 protects against dust and wet environments
- Drop tested to 1.5 metres
- Able to identify a pulse and make the decision not to shock*

*This means the defibrillator can be attached to the patient even if their heart is still working such as a heart attack (where the heart suffers huge stress but is still working). The defibrillator will monitor and record all life signs of the heart. Should the heart then stop, the defibrillator will detect this and initiate a shock.

POWERBEAT AED X3



Easy to use, clear guidance

The color-screen animated voice guidance of POWER BEAT X3 provides fast, effective and safe preconditions for pre-hospital emergency measures, and guarantees the basic CPR operations of rescuers.

Advanced 150J low-energy defibrillation technology

Through a number of experiments to compare the defibrillation effect with the traditional single-phase sine decay (MDS) waveform at 200J and 360J energy levels, it is ensured that the energy of the 150J two-way wave can reduce the chance of ventricular dysfunction.

Product model	Powerbeat X3
Size (H x W x D) cms	23.2 x 20.9 x 5.9
Colour display	Yes
On click language switch	Yes
Protection grade	IP55
Daily self check	Yes
Battery/Pad life	4 years

Product highlights

- Slimline and lightweight - H 23.2 x W 20.9 x D 5.9 1.5KG
- Simple audio and visual instruction for the user
One of the easiest to use on the market
- Time to shock 7 seconds
- 5-inch LCD colour screen
- Battery life of 4 years and capable of up to 200 shocks
- Smart Pads life of 4 years which allow for biphasic shock
- CPR features with metronome
- Algorithm capable of detecting implants such as pacemaker and internal defibrillator
- Automated ECG recording of up to 8 hours
- Daily self testing ensures device is ready for use
- IP55 protects against dust and wet environments
- Drop tested to 1.5 metres
- Dual Language option
- Able to identify a pulse and make the decision not to shock*

*This means the defibrillator can be attached to the patient even if their heart is still working such as a heart attack (where the heart suffers huge stress but is still working). The defibrillator will monitor and record all life signs of the heart. Should the heart then stop, the defibrillator will detect this and initiate a shock.

SPECIFICATIONS

Defibrillator

Waveform: Biphasic Truncated Exponential (BTE) Waveform.

Impedance Range: 20 - 180Ω.

Energy Level:

Adults, energy released at 50Ω impedance: 150J.

CPR Coaching: CPR instructions are available, with metronome and hand placement instructions.

CPR Protocol: Comply with AHA 2020 guideline.

Charge/Discharge Time: The time from the prompt of "Shock Advised" to when the shock can be performed: 7 seconds.

Arrhythmia Analysis

Accuracy: Comply with IEC60601-2-4.

Analysis Time: Typically 8 seconds.

Controls

Shock Control: Semi-automatic (press the shock button to deliver energy).

Language Button (PowerBeat X3): Users can switch between primary and secondary language among various available language options.

Certification: ISO13485, CE certification.

Safety Standard:

IEC 60601-1:2005+A1:2012

IEC 60601-2-4:2010+AMD1:2018

IEC 60601-1-2:2014

IEC 60601-1-12:2014

User Interface

Display: PowerBeat X1 has

114 mm (W)x87 mm (A) graphic panel, while PowerBeat X3 has 5 inches color LCD screen, 105 mm (W)x65 mm (BF).

Resolution: 800x480 pixels.

User Guidance: PowerBeat X1 has LED lights, graphic panel and voice prompt, while Powerbeat X3 has a colour LCD screen, animation, voice and bilingual text prompts.

Volume Adjustment: Volume is adjustable through APP.

Device Status Indicator: Visual and audible Indicators help to monitor the status of the main device, electrodes, and battery. Flashing green light indicates the device is normal. Flashing red light indicates the device is faulty.

Environmental Parameters

Operating/Standby Temperature:

0°C ~ +50°C.

One Hour Operating Temperature

Limit (extreme cold): -20°C.

Short-term Storage/Transport Temperature:

-40°C~+70°C, within one week, with battery and pads uninstalled.

Atmospheric Pressure: 59.4KPa~106KPa.

Relative Humidity: 5%~95% (no condensation).

Ingress Protection: IP55.

Physical Characteristics (including handle)

Height: 232mm

Width: 209mm

Depth: 59mm

Weight: 1.5kg (including battery and pads).

Tolerable Impact/Fall Damage: Can withstand free fall damage from a height of 1.5M onto the hard surfaces.

Accessories (Battery)

Type: Lithium manganese dioxide (Li/MnO₂) battery (non-rechargeable), 12V/3000mAh.

Capacity: At 20°C±2°C, the new battery can discharge 200±10 times at 150J.

Operation Life (standby): 4 years (typical).

Low Battery Status: A battery that indicates low battery can still be used ≥10 times at 150J.

Accessories (Pads)

Pads: Suitable for adults.

Shelf Life/Operation Life (standby): 4 years (typical) from manufacturing date.

Cable Length: 1.140.1m.

Storage Space: Pads can be stored in the space at the back of the device.

Data Storage

Memory Type: Internal digital memory.

ECG/Event Storage: At least 8 hours of ECG and event/incident recording.

Self-test Data Storage: Up to 10 years.

Communications

Communications: USB interface.

Overall Device

Date of Production: See label at the bottom of main device.

Warranty: 8 Years.





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