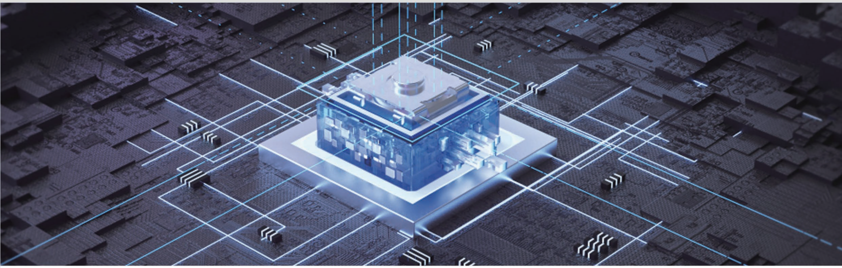
PowerBeat M Series AED

VIVEST AED
AED
CPR

VIVEST



Maximum portability, maximum efficiency

The simplest and most portable way to save lives

The PowerBeat M Series Portable AED is an ultra-compact, lightweight life saving device which weighs less than 700g and is the size of a standard smart phone.The PowerBeat M Series Portable AED can be carried inside a first-aid bag or specially designed pouch and transported in vehicles making it easily accessible to first responders.

Advanced built-in 4G module to ensure fast and reliable data transmission

Built-in industrial 4G module enables universal wireless communication allowing for high-speed data transmission. This makes it possible to detect and check self-test data and transmit information of the rescue event in real-time.

Voice recording and adjustable volume to offer vital assistance during rescue

All voices and accompanying sounds can be recorded and stored during the rescue process to make sure all events surrounding the incident are monitorable. Adjustable Volume feature responds to various audio scenarios flexibly and effectively, with an optional Silence Mode which can mute the device at the touch of a button.

Flexible dual battery option

Standard configuration: Disposable manganese dioxide lithium battery offers a stable, efficient energy source.

Optional: Rechargeable lithium-ion battery offers a high-capacity, recyclable energy source.

* After the “low battery” alert, both types of battery can still deliver shock with 150J of energy for a minimum of 30 times.

Increased reliability

Highly-integrated Tiny Combine™ Technology

Tiny Combine™ Technology means advanced integrated and miniaturized components, that overcome the challenges faced when designing and manufacturing a compact and portable AED. Along with this integrated technology, it is also essential to innovate the core technology, to ensure effective and sufficient current output during defibrillation. The objective is being able to create a small compact device which attains maximum performance.

1. High-tech materials are used to minimize the size of capacitor while maximizing energy density.
2. Higher-quality materials enable the case of M Series to be thinner and lighter. The enhanced design creates a robust and durable portable AED with a long service life.
3. Upgraded glue-filling technology ensures that the M Series meets the requirements of high-pressure, high-temperature and moisture resistance for IP ratings.
4. With state-of-the-art coating technology which was certified by US FDA and also meeting the US Pharmacopoeia Class VI standard for biomedical materials, the M Series possesses higher dielectric strength, higher resistance to high and low temperature, corrosion, acid and alkali, rust and aging. In addition offering a higher-level IP rating in dustproofing, waterproofing and moisture-proofing.

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IP65 rating

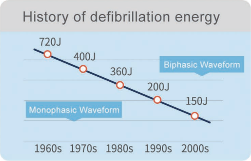
Upgraded IP65 rating M Series is waterproof and dustproof ensuring it to be operational in severe environments, whatever the temperature or weather conditions.

Safer

Low energy, high efficacy

150J low energy biphasic truncated exponential waveform

By using advanced biphasic truncated exponential (BTE) defibrillation, the success rate of initial defibrillation with ViVest's M Series Portable AED is higher, and the treatment is more efficient while reducing the risk of myocardium damage, which is conducive to the recovery of patients.



Research has shown that electrical current is a key factor in successful defibrillation. Excessive energy will significantly increase the risk of ventricular dysfunction. This has been experimentally proved by clinical experts.

Featured with low-energy output, M Series AED can generate a high voltage while releasing a strong current. It uses less energy while generating a sufficiently powerful current for defibrillation therapy.

PowerBeat M Series AED can detect patient impedance in real-time, adjust discharge parameters automatically to deliver optimized shock energy to each patient, starting from the initial shock, and ensuring an effective transmyocardial current.

Continuous VT/VF Detection Mode

Offers patients real-time protection in a range of varying circumstances

The portable AED provides continuous monitoring and recognition for shockable heart rhythms. This will play an important role in long-distance transportation of patients when there is limited availability of medical equipment.

Under the Continuous VT/VF Detection Mode, once a shockable heart rhythm is detected, the device will automatically switch back to “rescue mode” and conduct voice prompts which enable the rescuers to respond accordingly.

Product features and benefits

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1.5m
Drop Resistance

Pre-connected Pads

Voice Guidance

IoT

Low Energy
Defibrillation

10-year
Suggested Lifetime

Ease of Use

Smart Management
of Consumables

Application scenario

The simplicity and portability of the PowerBeat M Series AED make it the perfect solution for use in mobile situations. It can be simply transported with it's specially designed pouch or conveniently stored in various first-aid bags for easy access in an emergency rescue. The device is specially designed to endure extreme environments and weather conditions, and will be a reliable "life saving" partner to you anytime, anywhere.

Specification

	PowerBeat M3	**PowerBeat M1**
Size	53±3mm(H)*86±3mm(W)*150±3mm(L)	53±3mm(H)*86±3mm(W)*150±3mm(L)
Weight (battery and electrodes included)	＜0.7kg	＜0.7kg
Child Mode	YES	NO
Continuous VF/VT Detection Mode	NO	YES
Dustproof and Waterproof	IP65	IP65
Tolerable Impact/Fall Damage	1.5m	1.5m
Altitude	4500m	4500m
Temperature	-15°C~+50°C	-15°C~+50°C
Relative Humidity	0%~95%	0%~95%
Atmospheric Pressure	50.4KPa~106KPa	50.4KPa~106KPa

Optional Accessories

Battery Charger

Electrode Pads

Rechargeable Battery

Disposable Battery

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Website