

# **Automated External Defibrillators (Aed) Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (Wearable, Non-Wearable), By Technology Type (Semi-Automatic, Fully Automatic), By Size Type, By Patient Type, By End-User**

<https://marketpublishers.com/r/AE3684A51423EN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: AE3684A51423EN

## **Abstracts**

The Automated External Defibrillators (Aed) Market is valued at USD 2.4 billion in 2025 and is projected to grow at a CAGR of 7.1% to reach USD 4.5 billion by 2034. The automated external defibrillators (AED) market is expanding due to the increasing awareness of sudden cardiac arrest and the importance of early defibrillation. These devices are designed to be used by laypersons to deliver an electric shock to the heart during cardiac arrest. The market encompasses a range of AED models for public access and professional use.

Technological advancements in battery technology, voice prompts, and data connectivity are enhancing the ease of use and reliability of AEDs. The integration of mobile apps and GPS tracking is improving AED accessibility and maintenance. The market is witnessing increased demand for compact and portable AEDs.

The competitive landscape is characterized by a mix of medical device manufacturers, emergency response equipment providers, and specialized AED companies. Strategic partnerships and collaborations are crucial for expanding AED accessibility and awareness. The growing focus on public safety and the increasing adoption of AEDs in public places are driving market expansion.

Key Insights Automated External Defibrillators (Aed) Market

Compact and Portable AEDs: Increasing demand for user-friendly and portable devices.

Data Connectivity and Mobile Apps: Enhancing AED management and maintenance with mobile technology.

Voice Prompts and User Guidance: Improving ease of use with clear voice prompts.

Long-Life Batteries: Extending the lifespan and reliability of AEDs.

Public Access AED Programs: Increasing adoption of AEDs in public places.

Increasing Awareness of Sudden Cardiac Arrest: Growing recognition of the importance of early defibrillation.

Public Safety Initiatives: Government and community efforts to improve public safety.

Technological Advancements: Innovations in AED technology and design.

Growing Adoption in Public Places: Increasing deployment of AEDs in schools, airports, and other public areas.

Regulatory Support: Government regulations promoting AED accessibility.

High Cost of AEDs: Affordability and accessibility challenges for some organizations and individuals.

Maintenance and Training: Ensuring proper maintenance and training for AED use.

Public Awareness and Education: Increasing public awareness and education about AEDs.

Regulatory Compliance: Adhering to regulatory standards for AED devices.

Battery Reliability: Ensuring the reliability of AED batteries.

Automated External Defibrillators (Aed) Market Segmentation

By Type

Wearable

Non-Wearable

### By Technology Type

Semi-Automatic

Fully Automatic

### By Size Type

Standard

Pediatric

### By Patient Type

Adults

Children

### By End-User

Hospitals

Public Access Settings

Homecare settings

Pre-Hospitals Care

Emergency Medical Service Providers

Other End-Users

## Key Companies Analysed

Koninklijke Philips N.V.

Asahi Kasei Corporation

Nihon Kohden Corporation

Schiller AG

Stryker Corporation

Biotronik

BPL Medical Technologies

CU Medical System Inc.

Mindray Bio-Medical Electronics Co. Ltd

ViVest Medical Technology Co. Ltd.

Amiitalia

Physio-Control Corporation

CardiAid

Kestra Medical Technologies Inc

ViVest Medical Technology Co. Ltd.

CU Medical System Inc.

DefiSign Life Systems Inc.

Progetti S.r.l.

MRL Inc.

HeartSine Technologies Inc.

BPL Medical Technologies

Amiitalia

CardiAid

M&B Electronic Instruments Inc.

Instramed Inc.

Metrax GmbH

### Automated External Defibrillators (Aed) Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

### Automated External Defibrillators (Aed) Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory

landscapes, and evolving partnerships across energy and industrial corridors.

## Countries Covered

North America — Automated External Defibrillators (Aed) market data and outlook to 2034

United States

Canada

Mexico

Europe — Automated External Defibrillators (Aed) market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Automated External Defibrillators (Aed) market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Automated External Defibrillators (Aed) market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Automated External Defibrillators (Aed) market data and outlook to 2034

Brazil

Argentina

Chile

Peru

*\* We can include data and analysis of additional countries on demand.*

## Research Methodology

This study combines primary inputs from industry experts across the Automated External Defibrillators (Aed) value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

## Key Questions Addressed

What is the current and forecast market size of the Automated External Defibrillators (Aed) industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

## Your Key Takeaways from the Automated External Defibrillators (Aed) Market Report

Global Automated External Defibrillators (Aed) market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Automated External Defibrillators (Aed) trade, costs, and supply chains

Automated External Defibrillators (Aed) market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Automated External Defibrillators (Aed) market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Automated External Defibrillators (Aed) market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Automated External Defibrillators (Aed) supply chain analysis

Automated External Defibrillators (Aed) trade analysis, Automated External Defibrillators (Aed) market price analysis, and Automated External Defibrillators (Aed) supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Automated External Defibrillators (Aed) market news and developments

## Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

*\* The updated report will be delivered within 3 working days*

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