+357 96 030922
info@marketpublishers.com

Global Automotive eCall Backup Battery Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/G672C89F7A9AEN.html
Date: February 2026
Pages: 112
Price: US$ 4,480.00 (Single User License)
ID: G672C89F7A9AEN

Abstracts

The global Automotive eCall Backup Battery market size is expected to reach $ 144 million by 2032, rising at a market growth of 5.9% CAGR during the forecast period (2026-2032).
In 2025, global Automotive eCall Backup Battery production reached approximately 50,076 K Units, average price is about 1,768 US$ per K Unit.
A telematics backup battery is used to power the telematics system in vehicles or equipment when the main power source is unavailable or disconnected. The telematics system, which typically includes GPS tracking, communication modules, and sensors, collects and transmits data like location, speed, and vehicle diagnostics. The backup battery ensures that this system remains functional during power failures, theft attempts (where the main battery might be disabled), or emergencies.
Not all telematics boxes have an eCall function. While telematics boxes share some common features like GPS tracking, vehicle diagnostics, and driving behavior monitoring, the eCall function is a specialized feature typically found in advanced telematics systems or devices designed specifically for emergency services. The report research telematics backup battery (include eCall market).
Some countries and regions (such as the EU and Russia) have already enacted mandatory regulations, and China is following suit. In 2025, after the official approval of the national standard 'Onboard Emergency Call System' (ECall), it will be mandatory for installation in passenger vehicles in China. The national standard is expected to be officially implemented on July 1, 2027. Other countries and regions may issue similar mandatory measures in the future, which is a key factor in promoting the development of the ecall market.
The rise of connected and autonomous vehicles is increasing the integration of advanced telematics and safety features, including eCall systems. This trend necessitates the incorporation of reliable power sources, thus driving demand for

+357 96 030922
info@marketpublishers.com

backup batteries.

As consumers become more aware of safety features and their benefits, the preference for vehicles equipped with effective eCall systems?and consequently, backup solutions?rises.

As automotive markets expand in emerging economies, the implementation of safety technologies, including eCall systems, is gaining traction, thus driving demand for related backup battery solutions.

The rise of electric and hybrid vehicles is driving the demand for robust backup power systems for eCall. These vehicles often rely on more complex electrical systems, necessitating efficient backup solutions to ensure emergency features remain functional.

As manufacturers seek to improve the energy efficiency and longevity of backup batteries, there is a trend toward the development of batteries with higher energy density and lower self-discharge rates. This is essential for ensuring that eCall systems remain operational even after long periods of inactivity.

Lithium-ion and lithium-polymer batteries are becoming more popular for eCall backup systems due to their high energy density, lightweight, and longer lifespan compared to traditional NiMH batteries. This trend is likely to continue as manufacturers seek better performance and reliability.

This report studies the global Automotive eCall Backup Battery production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive eCall Backup Battery and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automotive eCall Backup Battery that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automotive eCall Backup Battery total production and demand, 2021-2032, (K Units)

Global Automotive eCall Backup Battery total production value, 2021-2032, (USD Million)

Global Automotive eCall Backup Battery production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Automotive eCall Backup Battery consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Automotive eCall Backup Battery domestic production, consumption, key domestic manufacturers and share

Global Automotive eCall Backup Battery production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

+357 96 030922
info@marketpublishers.com

Global Automotive eCall Backup Battery production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)
Global Automotive eCall Backup Battery production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)
This report profiles key players in the global Automotive eCall Backup Battery market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include FDK, LG Energy Solution, VARTA AG, Panasonic, EVE Battery, Highpower, GP Batteries, Grepow, Tadiran, etc.
This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.
Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automotive eCall Backup Battery market
Detailed Segmentation:
Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (K Units) and average price (US$/K Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.
Global Automotive eCall Backup Battery Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automotive eCall Backup Battery Market, Segmentation by Type:

+357 96 030922
info@marketpublishers.com

NiMH Battery

Lithium Battery

Global Automotive eCall Backup Battery Market, Segmentation by Capacity:

500-600 mAh

1000-1300 mAh

Global Automotive eCall Backup Battery Market, Segmentation by Application:

Passenger Car

Commercial Vehicle

Companies Profiled:

FDK

LG Energy Solution

VARTA AG

Panasonic

EVE Battery

Highpower

GP Batteries

Grepow

Tadiran

+357 96 030922
info@marketpublishers.com

Key Questions Answered:

1. How big is the global Automotive eCall Backup Battery market?
2. What is the demand of the global Automotive eCall Backup Battery market?
3. What is the year over year growth of the global Automotive eCall Backup Battery market?
4. What is the production and production value of the global Automotive eCall Backup Battery market?
5. Who are the key producers in the global Automotive eCall Backup Battery market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

5 MARKET ANALYSIS BY TYPE

6 MARKET ANALYSIS BY CAPACITY

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Automotive eCall Backup Battery Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/G672C89F7A9AEN.html

Price: US$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G672C89F7A9AEN.html