

Global Zinc Bromine Battery Market Size study, By Type (Zinc Bromine Gel battery and Normal Zinc Bromine Battery), By Application (Automotive, Power Industry, Renewable Energy, Electrical & Electronics), By End User (Domestic and Industrial), and Regional Forecasts 2022-2028

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Abstracts

Global Zinc Bromine Battery Market is valued approximately USD XX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028.

Zinc Bromine Battery or zinc–bromine flow battery (ZBRFB) can be defined as a rechargeable battery that utilizes the reaction between zinc metal and bromine to produce electric current. In Zinc Bromine batteries an electrolyte composed of an aqueous solution of zinc bromide is used. These aqueous electrolyte works as the electrodes of the battery and used for charge storage. The rising expansion of solar power generation activities and high energy density and low cost associated with Zinc Bromine batteries as well as recent strategic initiatives from leading market players are factors that are accelerating the global market demand. For instance, according to International Energy Agency (IEA) estimates – during 2020, the global solar power generation capacity estimated at 821 TWh and this number is projected to grow to 6970 TWh by 2026. Furthermore, leading market players are coming up with new products to capitalize the growing demand for Zinc bromine Battery. For instance, in March 2022, Australia based Gelion Technologies launched a Zinc-Bromine gel battery for application in electric vehicles. Also, growing demand for renewable energy sources and increasing technological advancements in Zinc bromine batteries are anticipated to act as a catalyzing factor for the market demand during the forecast period. However,

the risk of self-discharge associated with Zinc Bromine Battery and formation of dendrites in Zinc Bromine batteries impede the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Zinc Bromine Battery market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the growing utilization of renewable energy solutions and presence of leading market players in the region. Whereas, Asia Pacific is anticipated to exhibit a significant growth rate over the forecast period 2022-2028. Factors such as the thriving growth of the end-use industries and increasing penetration of leading market players in the region, would create lucrative growth prospects for the Zinc Bromine Battery market across the Asia Pacific region.

Major market players included in this report are:

Sandia National Laboratory Covertel Power Pty. Ltd.

Primus Power Corporation

Redflow Energy Storage Solutions Ltd.

Smart Energy GB Ltd.

Ensync Energy Systems

Gildemeister Energy Solutions

H2 Inc.

Jenabatteries

Nanoflowcell

Primus Power

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type

Zinc Bromine Gel battery

Normal Zinc Bromine Battery

By Application

Automotive

Power Industry

Renewable Energy

Electrical & Electronics

By End User

Domestic

Industrial

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Zinc Bromine Battery Market in Market Study:

Global Zinc Bromine Battery Market Size study, By Type (Zinc Bromine Gel battery and Normal Zinc Bromine Batte...

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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