

# Europe Power Supply Equipment Market for Water Electrolysis: Focus on Application, Equipment Type, and Country - Analysis and Forecast, 2023-2032

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## Abstracts

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### Introduction to Europe Power Supply Equipment Market for Water Electrolysis

The Europe power supply equipment market (excluding U.K.) for water electrolysis was valued at \$191.5 million in 2023, and it is expected to grow at a CAGR of 30.43% and reach \$2,092.6 million by 2032. Supportive government initiatives, stringent net zero goals, and increasing interest in hydrogen fuel cell vehicles, green ammonia, green methanol, and similar applications are anticipated to fuel the growth of the power supply equipment market for water electrolysis.

### Market Introduction

The Europe power supply equipment market for water electrolysis is poised for significant growth driven by various factors. Supportive government policies, including subsidies, incentives, and regulatory frameworks aimed at promoting renewable energy and achieving carbon neutrality, are serving as key drivers. The continent's ambitious net zero targets, coupled with increasing awareness of the importance of decarbonization, are further propelling demand for power supply equipment for water electrolysis. Moreover, the rising adoption of hydrogen fuel cell vehicles, as well as the growing demand for green hydrogen in industries such as transportation, manufacturing, and energy production, is contributing to market expansion. Additionally,

the emergence of applications like green ammonia and green methanol is boosting the demand for electrolysis equipment. As a result, manufacturers and stakeholders in the Europe power supply equipment market for water electrolysis are poised to capitalize on these opportunities and play a pivotal role in facilitating the transition towards a sustainable and low-carbon economy.

## Market Segmentation:

### Segmentation 1: by Application

Alkaline Electrolyzer

Proton Exchange Membrane (PEM) Electrolyzer

Solid Oxide Electrolytic Cell (SOEC) Electrolyzer

Anion Exchange Membrane (AEM) Electrolyzer

### Segmentation 2: by Equipment Type

Rectifier

Thyristor Rectifier

IGBT Rectifier

Others

Transformer

Others

### Segmentation 3: by Country

Germany

France

Spain

Netherlands

Rest-of-Europe

How can this report add value to an organization?

**Product/Innovation Strategy:** The product segment helps the reader understand the power supply equipment used in the water electrolysis process, including rectifiers, transformers, and others. Moreover, the study provides the reader with a detailed understanding of the power supply equipment market for water electrolysis by different applications (alkaline electrolyzer, proton exchange membrane (PEM) electrolyzer, solid oxide electrolytic cell (SOEC) electrolyzer, and anion exchange membrane (AEM) electrolyzer).

**Growth/Marketing Strategy:** The power supply equipment market for water electrolysis has been growing at a rapid pace. The market offers enormous opportunities for existing and emerging market players. Some of the strategies covered in this segment are mergers and acquisitions, product launches, partnerships and collaborations, business expansions, and investments. The strategies preferred by companies to maintain and strengthen their market position primarily include partnerships, agreements, and collaborations.

**Competitive Strategy:** The key players in the power supply equipment market for water electrolysis analyzed and profiled in the study involve power supply equipment manufacturers and the overall ecosystem. Moreover, a detailed competitive benchmarking of the players operating in the Europe power supply equipment market for water electrolysis has been done to help the reader understand how players stack against each other, presenting a clear market landscape. Additionally, comprehensive competitive strategies such as partnerships, agreements, and collaborations will aid the reader in understanding the untapped revenue pockets in the market.

### Key Market Players and Competition Synopsis

The companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market

penetration.

Some of the prominent names established in this market are:

AEG Power Solutions B.V.

Ingeteam

Comeca Group

Nidec Industrial Solutions

Danfoss Drives

Prodrive Technologies

FRIEM SPA

ABB

KraftPowercon

Mak Plus Power Systems

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