

# Global Alumina Ceramic Heaters Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G0B25BBB7A44EN.html>

Date: February 2023

Pages: 103

Price: US\$ 4,480.00 (Single User License)

ID: G0B25BBB7A44EN

## Abstracts

The global Alumina Ceramic Heaters market size is expected to reach \$ 169.1 million by 2029, rising at a market growth of 5.6% CAGR during the forecast period (2023-2029).

Global key players of alumina ceramic heaters include Kyocera, NTK Technical Ceramics, FKK Corporation, etc. The top three players hold a share about 67%. Japan is the largest producer, has a share about 57%, followed by China, with share 19%. The largest market is North America, with a share about 45%, followed by Europe and China, both have a share about 20 percent.

Alumina Ceramic Heaters are a type of Metal Ceramics Heater. Metal Ceramics Heater elements are sintered at high temperature and ceramic to fix them together to form a ceramic heating element. Generally, metal tungsten or molybdenum-manganese paste is printed on the ceramic casting body, laminated by hot pressing, and then protected by a hydrogen atmosphere at 1600 ° C. The ceramic and metal are sintered together to form a ceramic heating body. High temperature, long life, high energy efficiency, uniform temperature, good thermal conductivity, fast thermal compensation, etc., and does not contain lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ether and other harmful substances, in line with EU RoHS, etc. Environmental requirements. Metal Ceramics Heater is a new type of high-efficiency environmental protection and energy-saving ceramic heating element. Compared with PTC ceramic heating element, it can save 20-30% of electricity under the same heating effect, and there is no huge problem of power attenuation of PTC for a long time.

There are two main types of ceramics used for Metal Ceramics Heater: alumina

ceramics and silicon nitride ceramics. These two ceramic materials are the most widely used in the field of electric heating elements. Silicon nitride ceramics have greater hardness and higher production costs than alumina ceramics. Therefore, the ceramic heating elements currently on the market are mainly alumina. Alumina Ceramic Heaters are produced by implementing unique metallization and ceramic lamination processes. Due to the advanced manufacturing techniques utilized in the electric element, Alumina Heaters can provide higher reliability than ever before. Currently, applications include use as innovative types of heaters in the automotive, medical, industry and electronics industries.

This report studies the global Alumina Ceramic Heaters production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Alumina Ceramic Heaters, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Alumina Ceramic Heaters that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Alumina Ceramic Heaters total production and demand, 2018-2029, (K Units)

Global Alumina Ceramic Heaters total production value, 2018-2029, (USD Million)

Global Alumina Ceramic Heaters production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Alumina Ceramic Heaters consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Alumina Ceramic Heaters domestic production, consumption, key domestic manufacturers and share

Global Alumina Ceramic Heaters production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Alumina Ceramic Heaters production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Alumina Ceramic Heaters production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Alumina Ceramic Heaters 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 Kyocera, NTK Technical Ceramics, FKK Corporation, Zhuhai 4U Electronic Ceramics, CMTECH Co., Ltd., Innovacera, Sakaguchi E.H VOC Corp., Induceric and Mingrui, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Alumina Ceramic Heaters market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Alumina Ceramic Heaters Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global Alumina Ceramic Heaters Market, Segmentation by Type

Rod Type

Plate Type

Tube Type

Others

### Global Alumina Ceramic Heaters Market, Segmentation by Application

Automotive Components

Household Heating Components

Industrial Heating Components

Others

### Companies Profiled:

Kyocera

NTK Technical Ceramics

FKK Corporation

Zhuhai 4U Electronic Ceramics

CMTECH Co., Ltd.

Innovacera

Sakaguchi E.H VOC Corp.

Induc ceramic

Mingrui

### Key Questions Answered

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

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