

Gallium Nitride (GaN) Powered Charger: Global Markets

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Abstracts

This report provides an overview of the global GaN charger market and analyzes market trends. It gives the global revenue (\$ millions) for segments and regions, considering 2024 as the base year, with estimated market data for 2025 through the end of 2030. The market is segmented by power range, device type, sales channel and region. Geographical segments are North America (U.S., Canada, Mexico), Europe (U.K., Germany, France, Rest of Europe), Asia-Pacific (China, Japan, South Korea, India, Rest of Asia-Pacific), and the Rest of the World (South America, Middle East and Africa). The report also focuses on emerging technologies and the vendor landscape. It concludes with profiles of the major companies in the market.

Report Includes

39 data tables and 56 additional tables

In-depth analysis of the global markets for gallium nitride (GaN)-powered chargers

Analyses of the global market trends, with revenue data from 2024, estimates for 2025, forecasts for 2026, 2028, and projected CAGRs through 2030

Estimates of the market's size and revenue prospects of the market, accompanied by a market share analysis by power range, device type, sales channel and region

Insights derived from Porter's Five Forces model and a global supply chain analysis

Facts and figures pertaining to market dynamics, opportunities and deterrents, technological advances, regulations and the impacts of macroeconomic variables

Review of the impact of ongoing U.S. tariffs on the GaN-powered charger market

A relevant patent analysis, featuring key granted and published patents

Overview of sustainability trends and ESG developments, with emphasis on consumer attitudes, as well as the ESG risk ratings and practices of leading companies

Analysis of the industry structure, including companies' market shares and rankings, strategic alliances, M&A activity and a venture funding outlook

Profiles of the leading companies in the market, including Anker Innovations, AUKEY, Belkin, Ugreen, and Baseus

Summary:

The global market for GaN-Powered chargers is expected to grow from \$1.4 billion in 2025 and is projected to reach \$3.7 billion by the end of 2030, at a compound annual growth rate (CAGR) of 20.8% during the forecast period of 2025 to 2030.

Chargers that use GaN technology are called GaN-powered chargers. Instead of silicon, GaN uses gallium nitride semiconductor technology to move a current. This technology enables fast charging, higher efficiencies and much smaller chargers. With the growth of GaN-powered chargers globally, the REDACTED region has the REDACTED revenue generation because of the larger number of GaN charger manufacturers, smartphone penetration, and consumer demand.

The market faces challenges in pushing widespread adoption, and the biggest hurdle is the cost of implementation, as GaN chargers are more expensive than silicon chargers. Beyond cost, compatibility with older devices and proprietary charging protocols contribute to the market's fragmentation, meaning consumers must ensure device compatibility or adaptation before buying. Cost and compatibility obstacles should be

overcome for the market to reach its full potential across all consumer segments and locations.

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Laptops

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ASUSTEK COMPUTER INC.
AUKEY OFFICIAL
BASEUS.COM
BELKIN
KONINKLIJKE PHILIPS N.V.
LENOVO
NIMBLE
SAMSUNG
SHENZHEN XINSPower TECHNOLOGY CO. LTD.
SPIGEN KOREA INC.
STUFFCOOL
UGREEN
VISIONTEK.COM
XIAOMI
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