

Excitation Systems - Global Market Outlook (2020-2028)

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Abstracts

According to Stratistics MRC, the Global Excitation Systems Market is accounted for \$2.58 billion in 2020 and is expected to reach \$3.93 billion by 2028 growing at a CAGR of 5.4% during the forecast period. Increase in demand for uninterrupted and reliable power supply in several industries, rising demand for synchronous machines by industrial users, and increasing the popularity of solar and wind power are driving the market growth. However, complex design leading to difficulty in maintenance is hampering the growth of the market.

An excitation system is used to produce the flux by passing current in the windings and thus provides field current to the rotor winding of a synchronous machine. These systems are undergoing continuous improvements in line with larger and complex power systems. Such systems provide stability and reliability of the working operation of the synchronous machines.

Based on the controller type, the digital segment is going to have lucrative growth during the forecast period due to the easy conversion of analog to digital controls. These systems provide a significant improvement in generator performance by improving transient as well as dynamic stability. By geography, Asia Pacific is going to have high growth during the forecast period owing to the rapidly growing renewable energy-based capacity additions, development of infrastructure related to smart cities, growing industrialization and urbanization.

Some of the key players profiled in the Excitation Systems Market include Veo Oy, ABB, Siemens Energy, WEG, Nelumbo Icona Controls Pvt. Ltd, Basler Electric, Emerson, Excitation & Engineering Services Ltd, F&S PROZESSAUTOMATION GmbH, General Electric, KON?AR Group, L & S Electric, Melrose Industries PLC, Nidec Corporation,



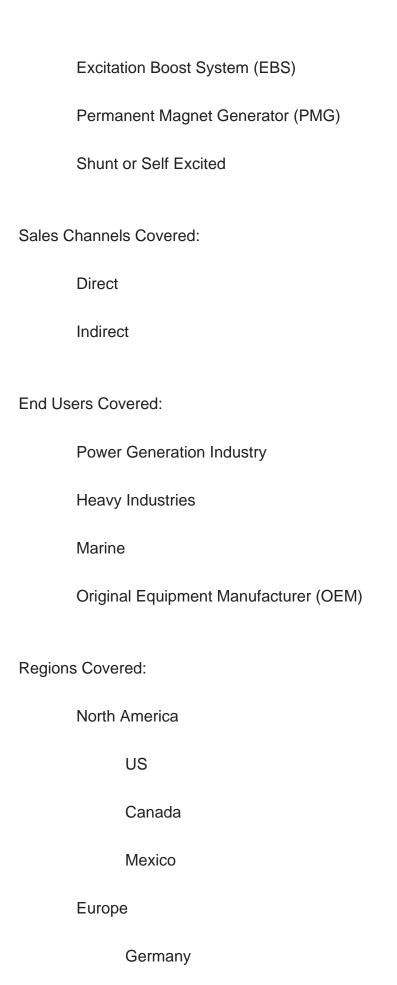
Automation Electronics India, Mitsubishi Electric Corporation, PLUTON Group, Reivax, S.R.O., ANDRITZ Group, SVEA Power, Tenel, Amtech Power Ltd. and Voith Group.

Types Co	vered:	
D	C (Direct Current) Excitation System	
A	C (Alternating Current) Excitation System	
S	tatic Excitation System	
Controller Types Covered:		
A	nalog	
D	igital	
Components Covered:		
А	utomatic Voltage Regulator (AVR)	
E	xciter	
P	ower System Stabilizer (PSS)	
Applicatio	ns Covered:	
S	ynchronous Generators	
S	ynchronous Motors	

Auxiliary Winding (AUX)

Excitation Methods Covered:







	UK	
	Italy	
	France	
	Spain	
	Rest of Europe	
Asia Pacific		
	Japan	
	China	
	India	
	Australia	
	New Zealand	
	South Korea	
	Rest of Asia Pacific	
South America		
	Argentina	
	Brazil	
	Chile	
	Rest of South America	

Middle East & Africa



Saudi Arabia	
UAE	
Qatar	
South Africa	
Rest of Middle East & Africa	
What our report offers:	
Market share assessments for the regional and country-level segments	
Strategic recommendations for the new entrants	
Covers Market data for the years 2019, 2020, 2021, 2025 and 2028	
Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)	
Strategic recommendations in key business segments based on the mark estimations	et
Competitive landscaping mapping the key common trends	
Company profiling with detailed strategies, financials, and recent develope	ments
Supply chain trends mapping the latest technological advancements	
Free Customization Offerings:	
All the customers of this report will be entitled to receive one of the following free	

Company Profiling

customization options:



Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances



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Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.



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