

# Electrical Steel Market Growth & Industry Report | Emerging Trends & Forecast 2025 | DataM Intelligence

*The Electrical Steel Market focuses on specialized steel used to improve magnetic properties in motors, transformers, and power generation systems.*

AUSTIN, TX, UNITED STATES, July 30, 2025 /EINPresswire.com/ -- According to DataM Intelligence, The Global [Electrical Steel Market](#) is expected to grow at a 7.5% CAGR between 2024 and 2031. Rising demand for energy-efficient transformers and electric vehicles, coupled with rapid industrialization and grid modernization, is driving significant growth in the global electrical steel market.



To Download Sample Report Here: <https://www.datamintelligence.com/download-sample/electrical-steel-market>



Powering the future: Electrical Steel Market surges with rising EV demand, renewable energy, and smart grids. Discover the trends shaping tomorrow's energy!"

*DataM Intelligence*

## Market Growth Drivers & Opportunities:

Surging adoption of electric vehicles (EVs): Electrical steel plays a crucial role in motor laminations and transformers, directly benefiting from the global EV boom.

Rapid expansion of renewable energy: Wind and solar projects worldwide are increasing the need for transformers and generators, boosting demand for high-grade electrical steel.

Urbanization and grid upgrades: Modernizing aging power grids in developed regions and

expanding new grids in emerging markets create substantial opportunities.

#### Market Segmentation:

##### By Type:

Grain Oriented Electrical Steel

Non-Grain Oriented Electrical Steel.

##### By Application:

Transformers

Motors

Inductors

Power Generators

Electrical Ballasts

Battery

Magnetic Bearings

Filters

Others.

##### By End-User:

Automotive

Aviation

Energy and Power

Building and Construction

Domestic Household Appliances

Others.

##### By Region:

North America

Latin America

Europe

Asia Pacific

Middle East

Africa.

Buy Now & Unlock 360° Market Intelligence: <https://www.datamintelligence.com/buy-now-page?report=electrical-steel-market>

#### Market Geographical Share:

Asia-Pacific dominates the market, driven by strong industrialization and large-scale EV adoption, led by China, Japan, and South Korea. Europe follows, with its aggressive green energy policies and automotive electrification. North America shows steady growth due to infrastructure

upgrades and renewable energy investments.

#### Key Players Shaping the Market:

ArcelorMittal S.A.  
Baosteel Group Corporation  
Pohang Iron and Steel Company (POSCO)  
Nippon Steel & Sumimoto Metal  
JFE Holdings Inc.  
Jiangsu Shagang Group  
Tata Steel  
The United States Steel Corporation (US Steel)  
Angang Steel Co. Ltd.  
Gerdau.

#### Recent Developments:

##### United States

May 2025: A leading US steelmaker announced a \$350 million investment to expand production of non-grain-oriented (NGO) electrical steel for EV motors.

April 2025: Collaboration launched between a US transformer manufacturer and an AI firm to enhance efficiency and reduce energy loss in grid transformers.

##### Japan

June 2025: Japanese steel producers unveiled a new ultra-thin grain-oriented electrical steel to meet demand from next-generation EV motors.

April 2025: Partnership formed between a Japanese automaker and domestic steel supplier to co-develop advanced electrical steel alloys for lightweight EV applications.

Unlock 360° Market Intelligence with DataM Subscription Services:

<https://www.datamintelligence.com/reports-subscription>

Power your decisions with real-time competitor tracking, strategic forecasts, and global investment insights-all in one place.

#### Competitive Landscape

Sustainability Impact Analysis

KOL / Stakeholder Insights

Unmet Needs & Positioning, Pricing & Market Access Snapshots

Market Volatility & Emerging Risks Analysis

Quarterly Industry Report Updated

Live Market & Pricing Trends  
Consumer Behavior & Demand Analysis

Have a look at our Subscription Dashbord: <https://www.youtube.com/watch?v=x5oEiqEqTWg>

Conclusion:

Driven by megatrends in electrification and clean energy, the Electrical Steel Market stands at the forefront of a transformative decade. Industry leaders are investing in innovation, sustainable production, and strategic partnerships to capture growing demand, shaping a resilient and greener global energy future.

Related Reports:

[Green Steel Market](#)

[High Strength Steel Market](#)

Sai Kiran

DataM Intelligence 4Market Research

+1 877-441-4866

Sai.k@datamintelligence.com

Visit us on social media:

[LinkedIn](#)

[X](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/835383901>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.