

South Korea Wireless Charging Market Size, Share, Trends and Forecast by Technology, Transmission Range, Application, and Region, 2026-2034

<https://marketpublishers.com/r/SAA5B59535A8EN.html>

Date: July 2026

Pages: 115

Price: US\$ 2,999.00 (Single User License)

ID: SAA5B59535A8EN

Abstracts

The South Korea wireless charging market size reached USD 422.4 Million in 2025. Looking forward, the market is expected to reach USD 1,063.2 Million by 2034, exhibiting a growth rate (CAGR) of 10.48% during 2026-2034. The market is fueled by the synergy of cutting-edge technological infrastructure, high consumer aspirations for convenience, and the availability of renowned electronics players such as Samsung and LG. Support from the government for smart mobility and sustainable transport systems also spurs the adoption of wireless power, especially among electric vehicles and public transportation. Incorporation of wireless technology in smart cities and public facilities is also responsible for long-term growth, further contribute to the growth of South Korea wireless charging market share.

SOUTH KOREA WIRELESS CHARGING MARKET TRENDS:

Technological Leadership in Consumer Electronics

South Korea's status as a world leader in electronics decisively influences its wireless charging industry. Indigenous titans such as Samsung Electronics and LG Electronics made the Qi-standard wireless charging mainstream and kept advancing in terms of efficiency, power delivery, and integration. Their efforts are supported by local demand: South Korean consumers love early adoption of new technology, from smartphones to wearables, and expect easy wireless convenience. This combination of consumer expectations and manufacturer innovations has provided rich soil for high-wattage chargers and multi-device pads to thrive. In addition, leading semiconductor capabilities, particularly in inductive-charging ASICs, drive both device-level innovation as well as national competitiveness. The alignment of strong R&D infrastructure, consumer

appetite for cutting-edge gadgets, and mass-market readiness gives South Korea a distinct edge in the global wireless charging landscape, which further fuels the South Korea wireless charging market growth.

Government Policy and EV Ecosystem Synergy

Beyond the consumer electronics arena, South Korea's government plays a strategic role in nurturing wireless charging infrastructure through smart-grid policies, EV subsidies, and urban mobility initiatives. Public transportation electrified shows this up sharply: Kaist's Online Electric Vehicle (OLEV) infrastructure accommodates inductive charging pads, shown by wirelessly charged buses running on Gumi and Sejong city streets, and a follow-on line opened in Yuseong in 2019. These pilots demonstrate an even larger aspiration—to integrate wireless power into smart city infrastructure and EV networks. Legislation that promotes residential EV charger installation in new dwellings, as well as tax breaks to environmentally friendly manufacturers, further spur wireless adoption. South Korea's initiative toward dynamic charging technologies, cars that charge as they drive, draws on this broader momentum toward green, networked infrastructure, frequently supported by nimble deregulation and public-private partnerships.

Smart Urbanization and Specific Regional Applications

Hyper-localized innovations derived from urban planning and smart infrastructure characterize South Korea's wireless charging industry. KAIST's Gumi bus initiative, for example, installs induction plates embedded in the road to charge buses in transit with up to 85% efficiency along only a short portion of their route—an innovation previously celebrated among 'Time's 50 Best Inventions of 2010". Outside of transport, wireless power has been rolled out into public spaces: warmed bus-stop benches with phone charging pads are not hard to find in big cities, representing civic-scale innovation distinct to the region. Furthermore, Korea's ultra-high-speed internet and smart-grid backbone facilitate real-time energy management, paving the way for sophisticated applications such as dynamic EV charging lanes and smart home wireless ecosystems. This city-scale, infrastructure-led strategy—through high-density networks, tight planning, and social cohesion, is what makes South Korea such a top-notch laboratory for next-gen wireless charging.

SOUTH KOREA WIRELESS CHARGING MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market,

along with forecasts at the country and regional levels for 2026-2034. Our report has categorized the market based on technology, transmission range, and application.

Technology Insights:

Inductive Charging

Resonant Charging

Radio Frequency Based Charging

Others

The report has provided a detailed breakup and analysis of the market based on the technology. This includes inductive charging, resonant charging, radio frequency based charging, and others.

Transmission Range Insights:

Short Range

Medium Range

Long Range

The report has provided a detailed breakup and analysis of the market based on the transmission range. This includes short range, medium range, and long range.

Application Insights:

Consumer Electronics

Automotive

Healthcare

Industrial

Defense

Others

A detailed breakup and analysis of the market based on the application has also been provided in the report. This includes consumer electronics, automotive, healthcare, industrial, defense, and others.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea wireless charging market performed so far and how will it perform in the coming years?

What is the breakup of the South Korea wireless charging market on the basis of

technology?

What is the breakup of the South Korea wireless charging market on the basis of transmission range?

What is the breakup of the South Korea wireless charging market on the basis of application?

What is the breakup of the South Korea wireless charging market on the basis of region?

What are the various stages in the value chain of the South Korea wireless charging market?

What are the key driving factors and challenges in the South Korea wireless charging market?

What is the structure of the South Korea wireless charging market and who are the key players?

What is the degree of competition in the South Korea wireless charging market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 SOUTH KOREA WIRELESS CHARGING MARKET - INTRODUCTION

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

5 SOUTH KOREA WIRELESS CHARGING MARKET LANDSCAPE

- 5.1 Historical and Current Market Trends (2020-2025)
- 5.2 Market Forecast (2026-2034)

6 SOUTH KOREA WIRELESS CHARGING MARKET - BREAKUP BY TECHNOLOGY

- 6.1 Inductive Charging
 - 6.1.1 Overview
 - 6.1.2 Historical and Current Market Trends (2020-2025)
 - 6.1.3 Market Forecast (2026-2034)
- 6.2 Resonant Charging
 - 6.2.1 Overview
 - 6.2.2 Historical and Current Market Trends (2020-2025)

6.2.3 Market Forecast (2026-2034)

6.3 Radio Frequency Based Charging

6.3.1 Overview

6.3.2 Historical and Current Market Trends (2020-2025)

6.3.3 Market Forecast (2026-2034)

6.4 Others

6.4.1 Historical and Current Market Trends (2020-2025)

6.4.2 Market Forecast (2026-2034)

7 SOUTH KOREA WIRELESS CHARGING MARKET - BREAKUP BY TRANSMISSION RANGE

7.1 Short Range

7.1.1 Overview

7.1.2 Historical and Current Market Trends (2020-2025)

7.1.3 Market Forecast (2026-2034)

7.2 Medium Range

7.2.1 Overview

7.2.2 Historical and Current Market Trends (2020-2025)

7.2.3 Market Forecast (2026-2034)

7.3 Long Range

7.3.1 Overview

7.3.2 Historical and Current Market Trends (2020-2025)

7.3.3 Market Forecast (2026-2034)

8 SOUTH KOREA WIRELESS CHARGING MARKET - BREAKUP BY APPLICATION

8.1 Consumer Electronics

8.1.1 Overview

8.1.2 Historical and Current Market Trends (2020-2025)

8.1.3 Market Forecast (2026-2034)

8.2 Automotive

8.2.1 Overview

8.2.2 Historical and Current Market Trends (2020-2025)

8.2.3 Market Forecast (2026-2034)

8.3 Healthcare

8.3.1 Overview

8.3.2 Historical and Current Market Trends (2020-2025)

8.3.3 Market Forecast (2026-2034)

8.4 Industrial

8.4.1 Overview

8.4.2 Historical and Current Market Trends (2020-2025)

8.4.3 Market Forecast (2026-2034)

8.5 Defense

8.5.1 Overview

8.5.2 Historical and Current Market Trends (2020-2025)

8.5.3 Market Forecast (2026-2034)

8.6 Others

8.6.1 Historical and Current Market Trends (2020-2025)

8.6.2 Market Forecast (2026-2034)

9 SOUTH KOREA WIRELESS CHARGING MARKET – BREAKUP BY REGION

9.1 Seoul Capital Area

9.1.1 Overview

9.1.2 Historical and Current Market Trends (2020-2025)

9.1.3 Market Breakup by Technology

9.1.4 Market Breakup by Transmission Range

9.1.5 Market Breakup by Application

9.1.6 Key Players

9.1.7 Market Forecast (2026-2034)

9.2 Yeongnam (Southeastern Region)

9.2.1 Overview

9.2.2 Historical and Current Market Trends (2020-2025)

9.2.3 Market Breakup by Technology

9.2.4 Market Breakup by Transmission Range

9.2.5 Market Breakup by Application

9.2.6 Key Players

9.2.7 Market Forecast (2026-2034)

9.3 Honam (Southwestern Region)

9.3.1 Overview

9.3.2 Historical and Current Market Trends (2020-2025)

9.3.3 Market Breakup by Technology

9.3.4 Market Breakup by Transmission Range

9.3.5 Market Breakup by Application

9.3.6 Key Players

9.3.7 Market Forecast (2026-2034)

9.4 Hoseo (Central Region)

- 9.4.1 Overview
- 9.4.2 Historical and Current Market Trends (2020-2025)
- 9.4.3 Market Breakup by Technology
- 9.4.4 Market Breakup by Transmission Range
- 9.4.5 Market Breakup by Application
- 9.4.6 Key Players
- 9.4.7 Market Forecast (2026-2034)
- 9.5 Others
 - 9.5.1 Historical and Current Market Trends (2020-2025)
 - 9.5.2 Market Forecast (2026-2034)

10 SOUTH KOREA WIRELESS CHARGING MARKET – COMPETITIVE LANDSCAPE

- 10.1 Overview
- 10.2 Market Structure
- 10.3 Market Player Positioning
- 10.4 Top Winning Strategies
- 10.5 Competitive Dashboard
- 10.6 Company Evaluation Quadrant

11 PROFILES OF KEY PLAYERS

- 11.1 Company A
 - 11.1.1 Business Overview
 - 11.1.2 Products Offered
 - 11.1.3 Business Strategies
 - 11.1.4 SWOT Analysis
 - 11.1.5 Major News and Events
- 11.2 Company B
 - 11.2.1 Business Overview
 - 11.2.2 Products Offered
 - 11.2.3 Business Strategies
 - 11.2.4 SWOT Analysis
 - 11.2.5 Major News and Events
- 11.3 Company C
 - 11.3.1 Business Overview
 - 11.3.2 Products Offered
 - 11.3.3 Business Strategies
 - 11.3.4 SWOT Analysis

- 11.3.5 Major News and Events
- 11.4 Company D
 - 11.4.1 Business Overview
 - 11.4.2 Products Offered
 - 11.4.3 Business Strategies
 - 11.4.4 SWOT Analysis
 - 11.4.5 Major News and Events
- 11.5 Company E
 - 11.5.1 Business Overview
 - 11.5.2 Products Offered
 - 11.5.3 Business Strategies
 - 11.5.4 SWOT Analysis
 - 11.5.5 Major News and Events

12 SOUTH KOREA WIRELESS CHARGING MARKET - INDUSTRY ANALYSIS

- 12.1 Drivers, Restraints, and Opportunities
 - 12.1.1 Overview
 - 12.1.2 Drivers
 - 12.1.3 Restraints
 - 12.1.4 Opportunities
- 12.2 Porters Five Forces Analysis
 - 12.2.1 Overview
 - 12.2.2 Bargaining Power of Buyers
 - 12.2.3 Bargaining Power of Suppliers
 - 12.2.4 Degree of Competition
 - 12.2.5 Threat of New Entrants
 - 12.2.6 Threat of Substitutes
- 12.3 Value Chain Analysis

13 APPENDIX

I would like to order

Product name: South Korea Wireless Charging Market Size, Share, Trends and Forecast by Technology, Transmission Range, Application, and Region, 2026-2034

Product link: <https://marketpublishers.com/r/SAA5B59535A8EN.html>

Price: US\$ 2,999.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SAA5B59535A8EN.html>