

# Green Innovation Report

## OMRON Corporation - 2024

**ISIN:** JP3197800000, **Ticker:** 6645, **Country:** JP, **Sector:** Electronic Components

This report evaluates the green innovation activities of the company over the past decade, based on inventions published in green technology areas defined by the [IPC Green Inventory](#). This inventory, established by the World Intellectual Property Organization, identifies technologies aligned with the United Nations' definition of Environmentally Sound Technologies. These innovations contribute to mitigating humanity's impact on climate change in support of the Sustainable Development Goals.

## Innovation Metrics

### Invention Count (last 12 months)

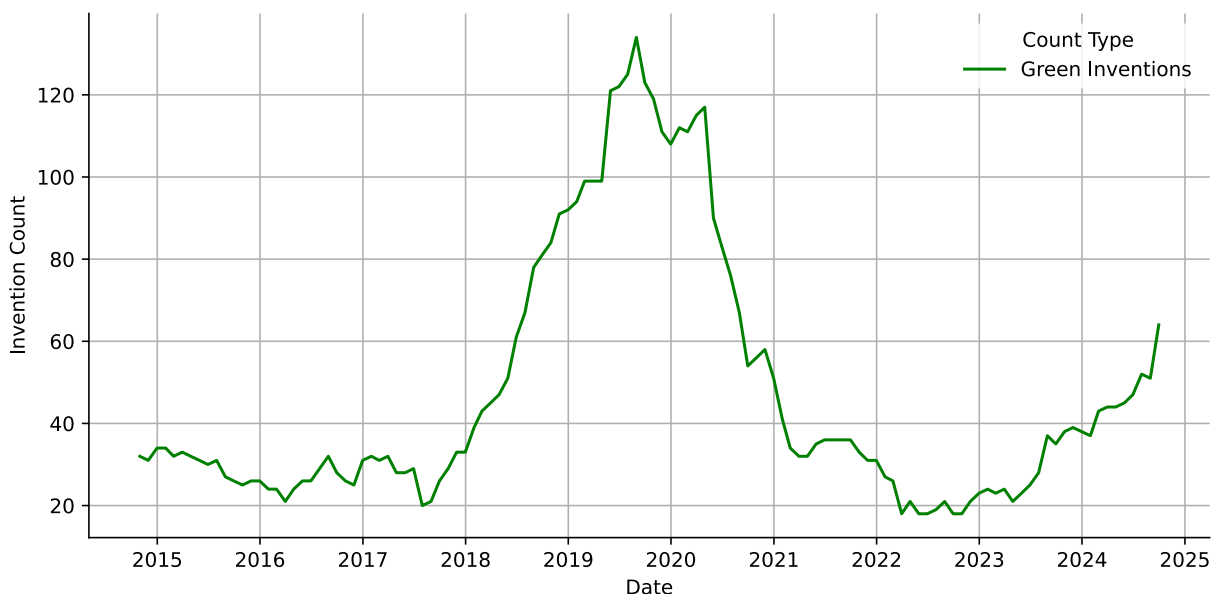
328 Inventions

### Green Invention Count (last 12 months)

64 Green Inventions

Each invention reflects a substantial investment of R&D and legal resources. Consequently, green inventions provide a reliable and high-integrity metric for measuring a company's innovation efforts in green technologies and sustainability.

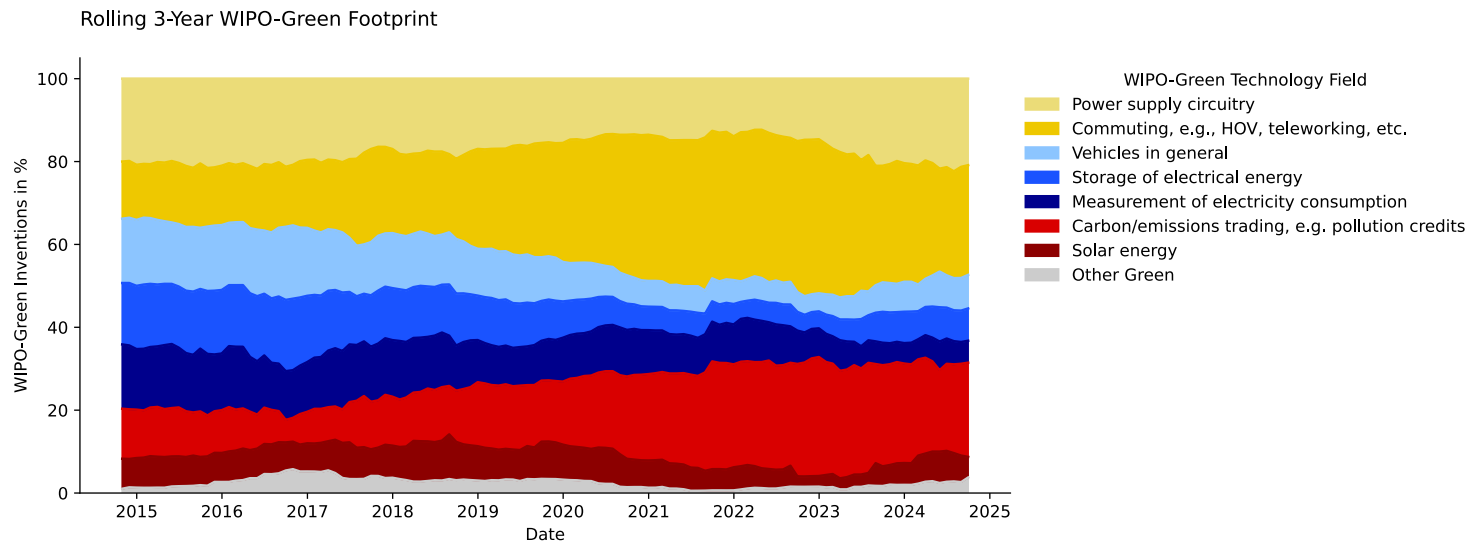
Rolling 1-Year Invention Count



The graph above illustrates the number of green inventions published by the company over the past decade. Data is presented monthly, with each point representing the total green invention count for the preceding 12 months.

## Green Technology Footprint

The graph below showcases the temporal distribution of the company's green innovation activity across technology fields listed in the IPC Green Inventory. This distribution highlights the green technology footprint and its evolution as part of the company's innovation strategy.



The table below provides a quantitative analysis of the growth and significance of the company's key green technology fields. For each field, the most frequently appearing keywords in recent inventions offer valuable insights into the company's green innovation activities.

WIPO-Green Technology Field	Absolute Growth (3y)	Percentage of Green Inventions (3y)	Keywords (3y)
Commuting, e.g., HOV, teleworking, etc.	85	26.5%	information processing, facility management, information identification, information processing program, information management
Carbon/emissions trading, e.g. pollution credits	73	22.7%	wave detection program
Power supply circuitry	67	20.9%	solar power generation, power supply, load distribution board, full load distribution, contactless power feeding
Vehicles in general	26	8.1%	mobile robot, autonomous work, information processing, protection circuit, electric vehicle
Measurement of electricity consumption	17	5.3%	power cutoff, partial discharge detection, handheld power tool, facility degradation estimation, electrical facility degradation
Solar energy	16	5.0%	solar power generation

**Disclaimer:** This report was generated automatically. We do not assume any responsibility or liability for the use or interpretation of its content. Source: [Quant IP GmbH](#)