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# About us (As of Mar. 31, 2025)





Company Name SANSHA ELECTRIC MANUFACTURING CO., LTD.

Headquarters location 3-1-56, Nishiawaji, Higashiyodogawa-ku, Osaka, Japan

Foundation March,1933

Capital 2,774,277,500 Yen

Representative Director & President Hajimu Yoshimura

Number of employees Consolidated 1,400

Branches and Sales Offices Tokyo, Aichi, Fukuoka, Ishikawa, Finland, Korea, Taiwan

Plants Shiga, Okayama

Consolidated subsidiaries Domestic: 3 Overseas: 6

Number of shareholders 11,887

## Purpose and Vision



Purpose

Moving society forward with power electronics and creativity

Vision

**Global Power Solution Partner** 

specific elements that we aim to obtain in the long term

## **Technology**

We will have world-leading technologies related to power electronics, which have been our strength since our founding.

## **Solution**

Capitalizing on power electronics technologies, we will thoroughly identify customers' problems and resolve them.

## Global

Taking a global perspective, we will operate our business on a wholly global scale.

## **Trust**

We will earn the unrivaled trust of society for our quality and sincerity.

## **Our Business**



### **Semiconductor Business**

Power semiconductors, which are used in power supplies for controlling high current and voltage, rather than integrated circuit semiconductors.

**Ranked 5th** in global market share for the thyristor and diode module market.\*\* 1



### **Power Supply Business**

Various types of industrial power equipment supporting sectors such as environment and energy, as well as infrastructure and facilities.

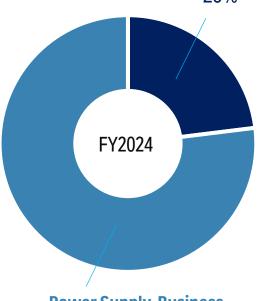
**Ranked No. 1** in domestic market share for power supplies used in surface treatment.\*\* 2



### **Sales Composition**



**5.8** billion yen 23%



**Power Supply Business** 

**19.5** billion yen 77%

※1: OMDIA 「Annual Power Semiconductor Reports-2023」

\*2 : Estimated by Sansha Electric Manufacturing Co., Ltd. on the basis of the Japan Surface Finishing Suppliers Association: 2021 Dynamic Statistics of Power Supply Sales

## Products of Sansha Electric Manufacturing that Support Society



#### **Power Semiconductor**





**Manufacturing facilities** 

**Thyristors/Diodes** 



**Welding machines** 

**Diodes** 



commercial air Conditioners/ Elevators **Diodes** 



Solar (PV) power generation

**Diodes** 



Auxiliary power supplies for electric railway

**Triacs** 



Home appliances

### **Power Supplies**

Power conditioners for fuel cells /for water electrolysis



New energy

Power sources for copper foil generation



Lithium ion batteries

Power supplies for testing and evaluation



Storage battery/
Power conditioners

Power supplies for light sources



Movie theaters/ TV studios, halls Power supplies for surface treatment



Smartphones/ Automobiles

Power conditioners, for fuel cells



**Fuel cells** 

**Welding machines** 



Automobiles/ships

Power supplies for ozone generation



Water supply and sewage facilities

Uninterruptible power supplies (UPS)



Electronic toll collection (ETC)/production facilities

Plasma ash melting power supplies



Waste disposal plants

**Electric Power Regulators** 



**Various furnaces** 

**Small power supplies** 



ATMs/Medical equipment

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## FY2024 Consolidated Financial Summary

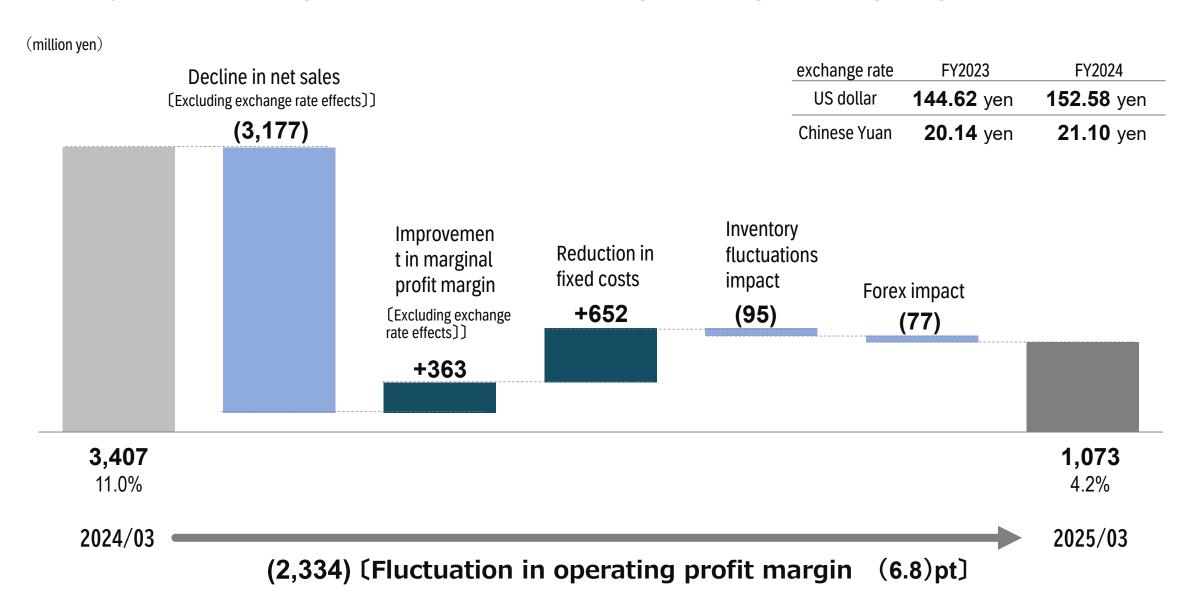


- > Due to geopolitical risks, a slowdown in the Chinese economy, and a cautious approach to private capital investment, there has been a decline in both revenue and profit.
- Although the mid-term management plan "CF26" has been initiated and strategic progress can be observed, its contribution to performance will take time.

|   | FY2023 | FY2024 | YoY               |                   | Disclosure of earnings forecasts |
|---|--------|--------|-------------------|-------------------|----------------------------------|
| (million yen)                           |        |        | Increase/Decrease | Percentage change | (2025/1/31)                      |
| Net sales                               | 31,005 | 25,440 | (5,565)           | (17.9%)           | 25,700                           |
| Operating profit                        | 3,407  | 1,073  | (2,334)           | (68.5%)           | 900                              |
| (Operating profit margin)               | 11.0%  | 4.2%   |                   |                   | 3.5%                             |
| Ordinary profit                         | 3,473  | 1,180  | (2,292)           | (66.0%)           | 1,000                            |
| Profit attributable to owners of parent | 2,955  | 502    | (2,452)           | (83.0%)           | 700                              |
| Earnings per share (yen)                | 222.19 | 37.80  | (184.39)          | (83.0%)           | 52.63                            |
| Capital investment                      | 1,304  | 2,140  | +836              | +64.1%            | _                                |
| Depreciation                            | 901    | 905    | +4                | +0.4%             | _                                |
| Research and development expenses       | 1,791  | 1,508  | (283)             | (15.8%)           | _                                |

## Analysis of Changes in Consolidated Operating Profit (YoY)





# Cash flows

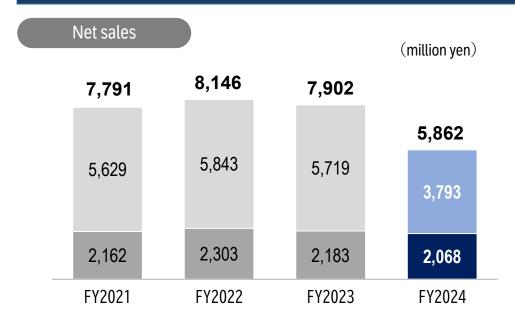


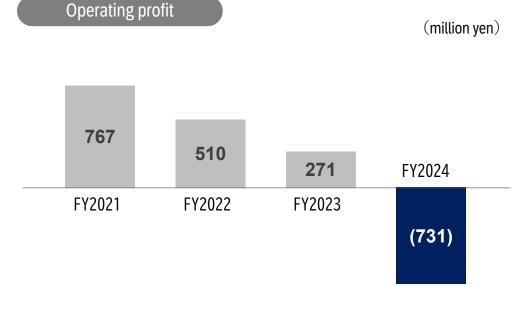
| (million yen)                                       | FY2023  | FY2024  | YoY     | Factors driving the change  |
|---|---------|---------|---------|---|
| Net cash provided by (used in) operating activities | 2,303   | 950     | (1,353) | Profit before income taxes, Decrease in accounts receivable.  |
| Net cash provided by (used in) investing activities | (1,097) | (2,392) | (1,295) | <ul> <li>Major investments :</li> <li>Introduction of semiconductor rationalization equipment</li> <li>Upgrading of core systems</li> </ul> |
| Free Cash Flow                                      | 1,206   | (1,442) | (2,648) |   |
| Net cash provided by (used in) financing activities | 488     | 1,410   | +922    | Increase in short-term borrowings.  |
| Cash and cash equivalents at end of period          | 5,825   | 5,756   | (69)    |   |

## Results by Segment



### **Semiconductor Business**





### YoY (2,040 million yen) (25.8%)

- Power module YoY (33.7%)
- Discrete others YoY (5.2%)

Due to the prolonged inventory adjustment, order levels remain low, resulting in a significant decline in revenue from power modules and power discretes.

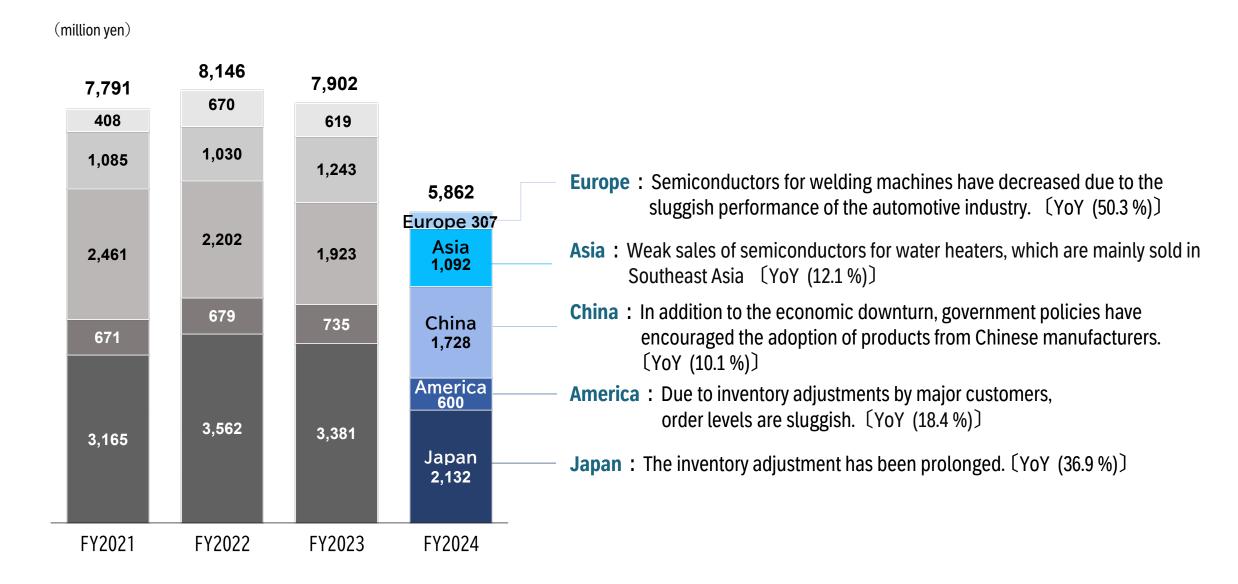
### YoY (1,003 million yen) (369.0%)

Significant revenue decline and a decrease in earnings due to changes in the product mix.

Efforts are being made to reduce fixed costs, but they are not sufficient to cover the shortfall.

## Semiconductor sales by region (by location of sales destination)





## Results by Segment

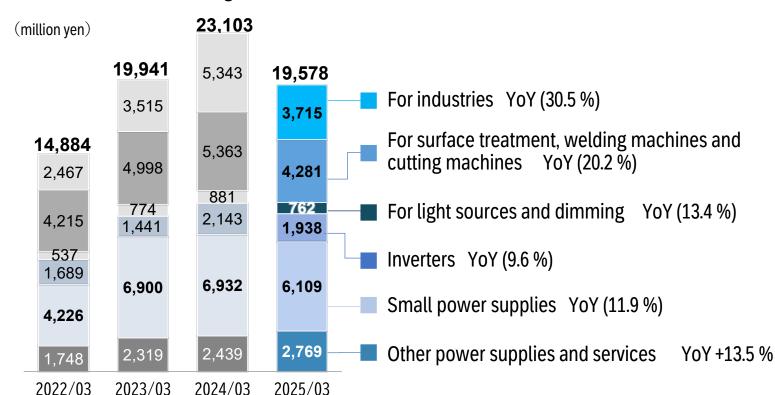


### **Power Supply Business**

Net sales

### **YoY (3,524** million yen) (15.3%)

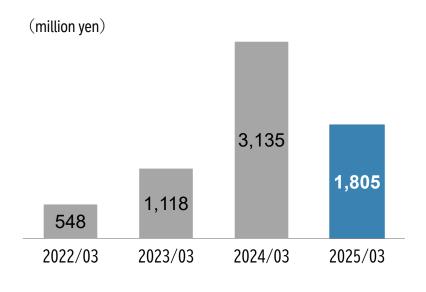
Due to a shortage of large-scale special projects and a slowdown in demand in the domestic market, we experienced a general revenue decline. Although we achieved revenue growth overseas, it was not enough to offset the decline in the domestic market.



#### Operating profit

### **YoY (1,330** million yen) (42.4%)

We have focused on improving the profitability of individual orders, but due to the significant decline in revenue, we experienced a substantial decrease in profits.



# Consolidated balance sheets



| (million yen)  | FY2023 | FY2024 | Increase/Decrease | Factors driving the change                     |  |
|--|--------|--------|-------------------|--|--|
| Total assets   | 35,334 | 33,571 | (1,763)           |  |  |
| Current assets   | 27,393 | 24,900 | (2,493)           |  |  |
| Cash and Cash Equivalents  | 5,825  | 5,760  | (65)              |  |  |
| Notes Receivable / Accounts Receivable / Electronically Recorded Monetary Claims | 12,437 | 9,517  | (2,920)           | Due to a decrease in sales                     |  |
| Inventories  | 8,873  | 8,821  | (52)              |  |  |
| Non-current assets   | 7,941  | 8,671  | +730              |  |  |
| Property, plant and equipment  | 5,770  | 6,505  | +735              | Primarily semiconductor capital investment     |  |
| Intangible assets  | 211    | 522    | +311              | Software investment                            |  |
| Investments and other assets   | 1,959  | 1,643  | (316)             |  |  |
| Total liabilities  | 10,901 | 9,230  | (1,671)           |  |  |
| Current liabilities  | 10,522 | 8,691  | (1,831)           | Decrease in notes payable and accounts payable |  |
| Non-current liabilities  | 378    | 538    | + 160             | Increase in long-term lease liabilities        |  |
| Total net assets   | 24,432 | 24,341 | (91)              |  |  |
| Shareholders' equity   | 22,493 | 22,325 | (168)             |  |  |
| Accumulated other comprehensive income   | 1,939  | 2,016  | +77               |  |  |
| Total liabilities and net assets   | 35,334 | 33,571 | (1,763)           |  |  |



## Topics for FY2024



### **Semiconductor Business**

#### **New Product Development**

Highly efficient and high-performance power control is realized, and is expected to be utilized in diverse fields.

1700V/300A SiC-MOSFET module



- Improved energy efficiency by supporting high voltage and high current
- Contributes to energy saving in various industrial facilities

#### High-speed diode module

- ✓ Achieves both high withstand voltage and high-speed switching
- ✓ Proprietary technology realizes fast recovery characteristics
- Contributes to miniaturization of welding machines, power supplies for induction heating, etc.

### **Power Supply Business**

#### **New Product Development**

# Power Supply for Surface Treatment

Further improved conversion efficiency while maintaining compatibility with conventional products



# Power Supply for Testing and Evaluation of Modular Battery Systems

The modular design enables safety and performance evaluation of various types and capacities of energy storage devices.



#### Delivered to "Toyohashi Micro Grid" in Toyohashi City, Aichi Prefecture

Delivering products that are at the core of power conversion and control

- DC/DC converters for storage batteries
- DC/DC converters for PV
- · Grid-connected inverters
- · Inverters for gas power generation connection

A microgrid is a small-scale power grid that utilizes distributed energy sources such as solar power and batteries. It supplies electricity while coordinating with the main power grid during normal conditions and can operate independently during emergencies.

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# Medium-term management plan (2024 to 2026)



### **Basic policy**

The period of the CF26 medium-term management plan (2024 to 2026) is positioned as three years of managerial reforms to become the Global Power Solution Partner to achieve a return on equity (ROE) of 10% or higher. We aim to achieve the growth of our business and the improvement of profitability through strategic investments and investments in intangible assets.

#### **Business growth**

| Semiconductor |
|---------------|
| Business      |

- Focusing efforts on sales in the infrastructure
- Enhancement of SiC products and global expansion
- Improving profit margins through automation initiatives

## Power Supply Business

- Global expansion of power supplies for surface treatment and market development through compact power supplies
- Strengthening collaboration with capital and business alliance partners
- Streamlining through Design Revisions and Standardization of Components

### Investing in intangible assets and reducing the cost of capital

- Promoting sustainability and reforming the organizational climate stabilization
   Technologies
- Inventory Optimization
- Maximizing the use of investment capital

| Numerical targets (FY2026) | Unit: 100 million yen |
|----------------------------|-----------------------|
|----------------------------|-----------------------|

| Net sales                               | 330  |
|---|------|
| Operating profit                        | 22   |
| Ordinary profit                         | 22   |
| Profit attributable to owners of parent | 15   |
| ROE                                     | 6.2% |

#### **CO<sub>2</sub> Emissions reduction target**(FY2030)

**(46%)** (Compared to FY2013)

#### **Target number of female managers**(FY2030)

**10**people 11%

(Actual number as of the end of March 2025: 5 people 5.4%)

# What we aspire to be (FY2033)

Net sales **50** billion yen

Operating profit margin

10% or more

ROE 10% or more

ROA

10% or more



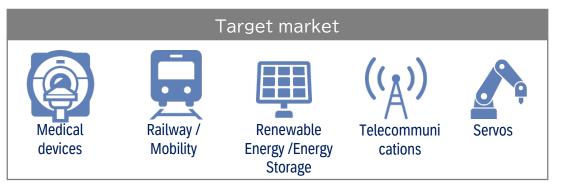
# Priority Measures for FY2025



#### **Semiconductor Business**



- Development of new applications for SiC products.
   (Medical devices, Railway / Mobility)
- Strengthening sales in the inverter, renewable energy, communication infrastructure, and servo markets.





- Expansion of the lineup of SiC products.
- Model change for core products.



 Establishment of an efficient production system and equipment operation.

### **Power Supply Business**



- Development of new energy-related products
- Development of overseas models for surface treatment power supplies.



- Development of applications for surface treatment power supplies
- Expand sales of power supplies for testing and evaluation
- Strengthening sales of uninterruptible power supply (UPS) systems.



- Expansion of orders for long-term maintenance contracts
- Establishment of a system for the overseas development of maintenance services.



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- Promotion of standardization of customized products
- Enhancement of inspection facilities.

## FY2025 Full-Year Forecast for Consolidated Results



- The semiconductor business is expected to experience demand expansion starting in the second half of the year.
- The power supply business is expected to see a decline in profits due to an increase in fixed costs as investments are made to improve productivity towards the final year of the medium-term management plan. At the same time, we are promoting the development of standard products in the new energy sector and exploring new applications for DC rectifiers, anticipating an increase in revenue.

| (million yen)                           | FV2024 Deculto | EV202E Foregot  | ΥοΥ               |                   |
|---|----------------|-----------------|-------------------|-------------------|
|   | FY2024 Results | FY2025 Forecast | Increase/Decrease | Percentage change |
| Net sales                               | 25,440         | 27,700          | +2,259            | +8.9%             |
| Semiconductor Business                  | 5,862          | 7,100           | +1,237            | +21.1%            |
| Power Supply Business                   | 19,578         | 20,600          | +1,021            | +5.2%             |
| Operating profit                        | 1,073          | 1,200           | +126              | +11.8%            |
| Operating Profit Margin                 | 4.2%           | 4.3%            |                   |                   |
| Semiconductor Business                  | (731)          | 0               | +731              | _                 |
| Power Supply Business                   | 1,805          | 1,200           | (605)             | (33.5%)           |
| Ordinary profit                         | 1,180          | 1,200           | +19               | +1.6%             |
| Profit attributable to owners of parent | 502            | 840             | +337              | +67.1%            |
| Earnings per share(yen)                 | 37.80          | 63.16           | +25.36            | +67.1%            |

## **Shareholder Returns**



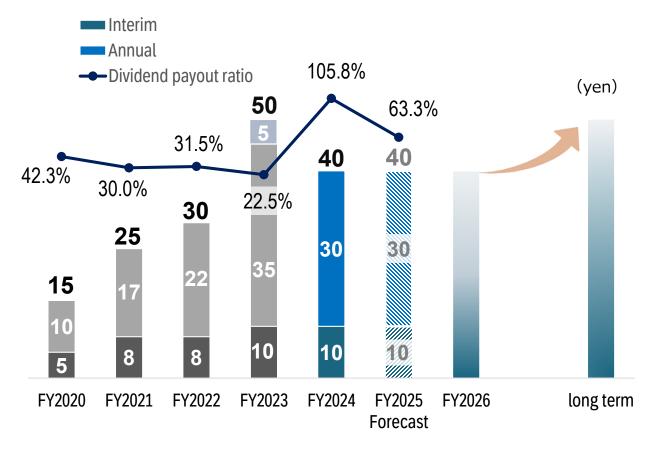
#### **Basic Approach**

- Profits generated from business activities are primarily retained as internal reserves and utilized for strengthening the business foundation and making growth investments.
- We will provide stable and continuous dividends, setting the annual dividend per share at the higher of either a 30% payout ratio or 40 yen.

### FY2025 dividends(forecast)

Interim dividendsper share10 yenYear-end dividendper share30 yenAnnual dividendper share40 yen

#### Dividend per share and dividend payout ratio



Notice: FY2023 includes a commemorative dividend of 5 yen for the 90th anniversary of the company's founding

## Trend of ROE/PBR



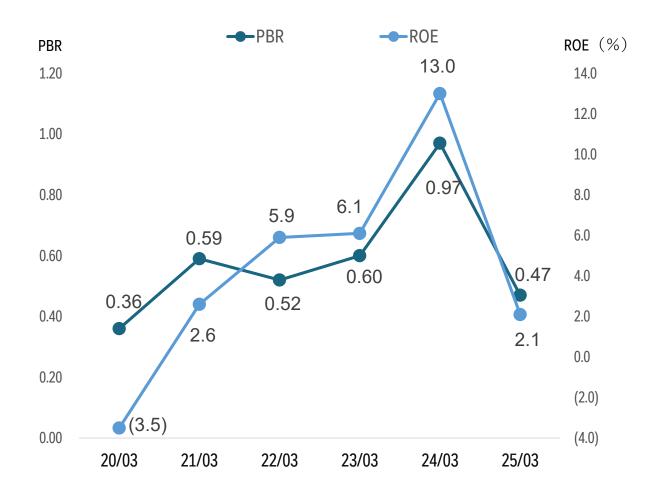
#### ROE

In FY2024, the company achieved a level of 13.0%, above the cost of shareholders' equity. However, net income decreased significantly due to a large decline in revenue and the recording of deferred tax liabilities resulting from a change in the dividend policy of a subsidiary. As a result, ROE was 2.1%.

#### RBR

As of March 31, 2025, the PBR had fallen significantly to 0.47x. \*Share price at the end of the period: 865 yen

Net assets per share 1,830.19 yen



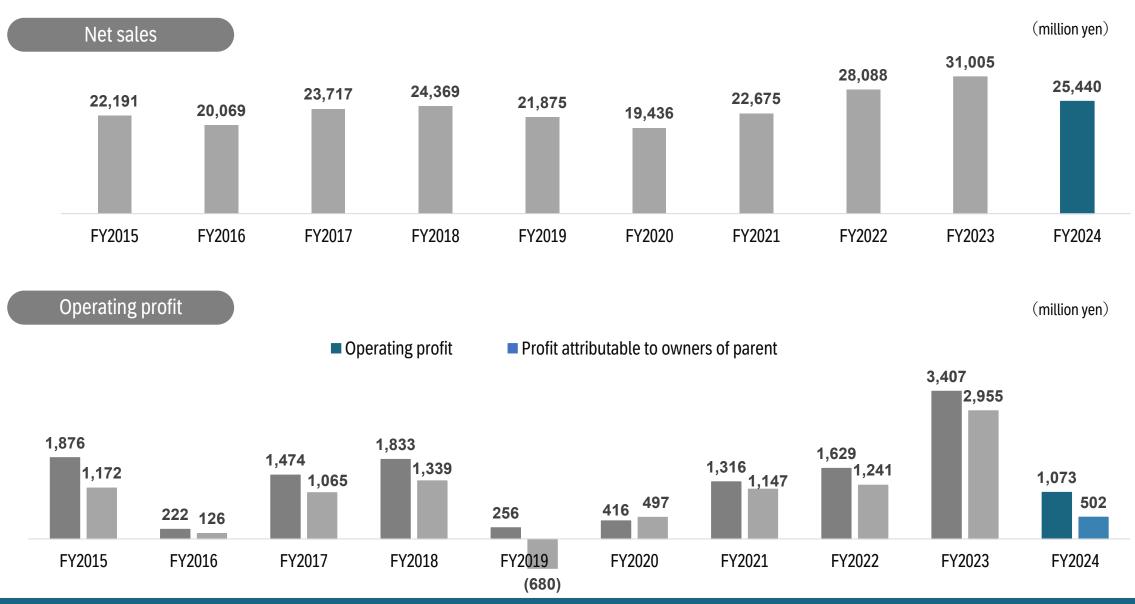
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## **Consolidated Financial Results**



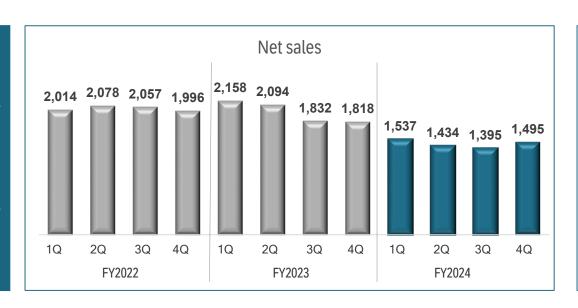


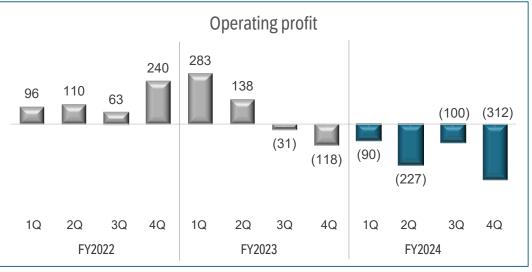
## **Consolidated Quarterly Results**



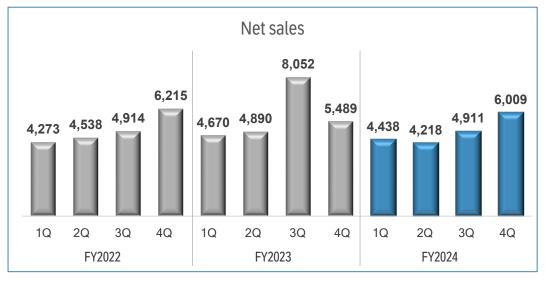
(million yen)

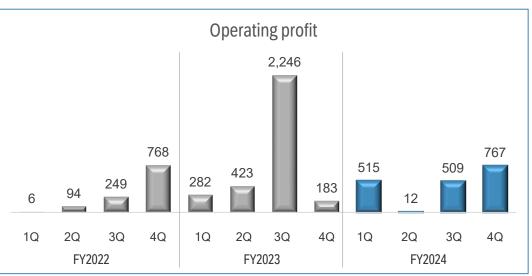
Semiconductor Business





Power Supply Business







### **Notice**

- 1. The future forecasts regarding performance and other matters included in the materials for this presentation are based on certain assumptions that the company deems reasonable, using information available at this time. Actual performance may differ from these forecasts due to various factors.
- 2. The materials for this presentation are intended for the purpose of providing information and do not constitute an invitation to trade the company's stock.
- 3. This document has been translated from the Japanese original for reference purposes only. In the event of any discrepancy between this translated document and the Japanese original, the original shall prevail.