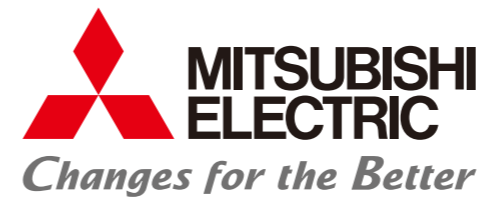


Mitsubishi Electric Global Network



A WIDE WORLD OF
PRODUCTS, SYSTEMS & SOLUTIONS

MITSUBISHI ELECTRIC AT A GLANCE

Changes for the Better

"Changes for the Better" represents the Mitsubishi Electric Group's attitude to "always strive to achieve something better," as we continue to change and grow. Each one of us shares a strong will and passion to continuously aim for change, reinforcing our commitment to creating "an even better tomorrow."

MITSUBISHI ELECTRIC CORPORATION

www.MitsubishiElectric.com



The Mitsubishi Electric Group is contributing to meeting the 17 SDGs.



EVERYWHERE YOU LOOK AROUND YOU, MITSUBISHI ELECTRIC IS THERE.

From energy-efficient air conditioning systems, and elevators that ascend tall skyscrapers with ease, to satellite systems that keep you connected wherever you are, Mitsubishi Electric is providing integrated solutions to address diversifying social challenges, in the four fields of **LIFE, INDUSTRY, INFRASTRUCTURE** and **MOBILITY**, uniting all the capabilities inside and outside of the Group.



SPACE SYSTEMS




TRANSPORTATION SYSTEMS



ENERGY SYSTEMS



FACTORY AUTOMATION SYSTEMS



SEMICONDUCTORS AND DEVICES



PUBLIC SYSTEMS



INFORMATION AND COMMUNICATION SYSTEMS



BUILDING SYSTEMS



AUTOMOTIVE EQUIPMENT



HOME PRODUCTS



AIR CONDITIONING SYSTEMS



A CLOSER LOOK AT MITSUBISHI ELECTRIC PRODUCTS, SYSTEMS AND SOLUTIONS.

For every challenge at home, at work, around town and even in the skies and beyond, Mitsubishi Electric has the solution. Integrating our broad lineup of innovative products and services, we provide keys to unlock new possibilities and changes for the better.



HOME PRODUCTS

With a wide range of energy efficient home appliances such as refrigerators, air purifiers, and dehumidifiers, Mitsubishi Electric aims to enhance people's quality of life and support sustainability.

Refrigerators and Freezers 	Air Purifiers 	Dehumidifiers
Electric Fans 	Ventilation Fans 	Water Pumps

BUILDING SYSTEMS

Mitsubishi Electric provides comfortable, safe, efficient, and ecological means of transporting people.

Elevators and Escalators 			Hand Dryers
•Elevators	•Escalators	•Destination Oriented Allocation System (DOAS)	•Jet Towel

AIR CONDITIONING SYSTEMS

At the leading-edge of air-conditioning innovation, our products offer greater comfort while fulfilling our responsibility to the environment.

Room Air Conditioners 	Packaged Air Conditioners 	Variable Refrigerant Flow (VRF) 	Ventilators 	Air to Water Heat Pumps
Chillers 	Compressors 	IT Cooling Systems 		
•Module Combination	•Inverter Scroll Chiller	•Scroll Compressor	•Rotary Compressor	•Rack Cooler Units
		•Computer Room Air Conditioning Units (CRAC)		



PUBLIC SYSTEMS

Mitsubishi Electric creates innovative technologies to deliver benefits to every area of society and provides people with quality of life through these systems and solutions.

Uninterruptible Power Supply (UPS)



Water Treatment Systems



•Ozone Generation System

•Monitoring and Control Systems

Applied Superconductor Systems



•Superconducting Magnet for Scientific Research



FACTORY AUTOMATION SYSTEMS

Based on its e-F@ctory concept, Mitsubishi Electric is helping customers realize sustainability through the use of its advanced factory automation technology to digitalize manufacturing, facility management, and social infrastructure.



Mitsubishi Electric's e-F@ctory concept utilizes both FA and IT technologies, to reduce the total cost of development, production and maintenance, with the aim of achieving manufacturing that is a "step ahead of the times". It is supported by the e-F@ctory Alliance Partners covering software, devices, and system integration, creating the optimal e-F@ctory architecture to meet the end user's needs and investment plans.



Edge Computing Products

- Industrial PC (MELIPC)
- Edgecross Compatible Software (IQ Edgecross).
- AI technology for real time data analysis (option).



Power Monitoring Products

- Energy Saving Support Software EcoAdviser
- AI enabled data-analysis and diagnostics.
- Devices supporting energy saving and measurement



Visualization

- Human-Machine Interfaces (GOT)
- SCADA
- 3D Simulator MELSOFT Gemini



Drive Products

- AC Servos (MELSERVO)
- Inverters (FREQROL)
- AI enabled diagnostic and maintenance functions.*



* Not available on all models

Controllers

- Programmable Controllers (MELSEC)
- Simple Application Controllers
- Motion Controllers



Industrial/Collaborative Robots (MELFA)

AI enabled diagnostic and maintenance functions.*



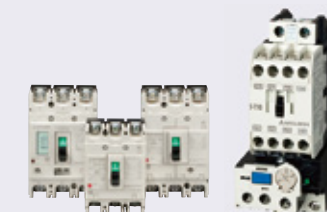
* Not available on all models

Computerized Numerical Controllers



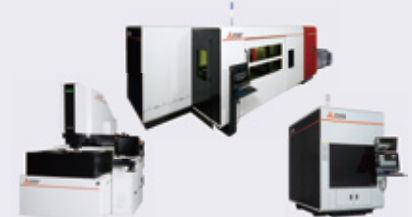
Low-voltage Power Distribution Products

- Low-voltage Circuit Breakers
- Contactors and Motor Starters



Processing Machines

- Electrical Discharge Machines
- Laser Processing Machines
- Wire-laser Metal 3D Printers

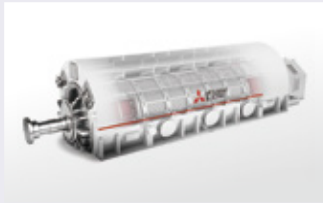




ENERGY SYSTEMS

Mitsubishi Electric creates innovative technologies toward realizing carbon neutrality and power supply stability, and provides eco-friendly energy solutions through these systems and solutions.

Power Generation



•Generator



•Ultra-thin Robot for Power Generator Inspection

Transmission and Distribution



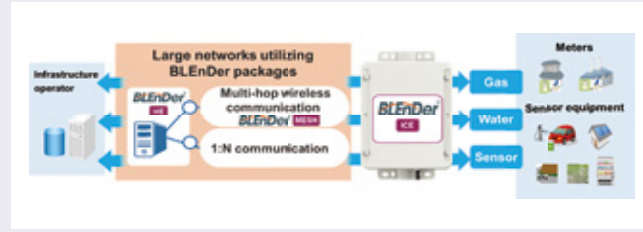
•Transmission and Distribution System



•HVDC-Diamond@

Operation / Control System

- Instrumentation & Control(I&C) System for nuclear power plants
- Advanced metering infrastructure(AMI)



NOTE: Mitsubishi Electric also offers other solutions such as Microgrid and DERMS.



TRANSPORTATION SYSTEMS

Mitsubishi Electric delivers tomorrow's world of mobility today by providing transportation solutions centered on safety, security, comfort, and ecology.

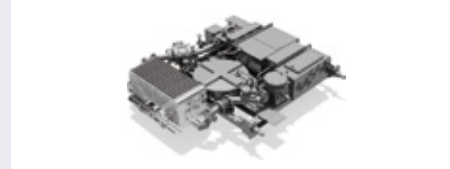
Train Systems



•Traction Motor



•VVVF Inverter



•Main Transformer



•Air Conditioner



•Train Control and Management System (TCMS)



•Train Vision (Passenger Information System)



INFORMATION AND COMMUNICATION SYSTEMS

At Mitsubishi Electric, we develop, integrate, and maintain advanced communication systems that help keep the world connected.

100Gbps Transmission System Solutions



•100G DWDM Systems

Optical Access Systems



•Multi-PON Module OLT transceiver



•GE-PON (Gigabit-Ethernet Passive Optical Network)

IoT Systems



•IoT Gateway



AUTOMOTIVE EQUIPMENT

Mitsubishi Electric is applying innovative technologies to produce a new generation of clean, low-emission vehicles and sophisticated driving assistance systems, to contribute to the future of automobiles in society.

Powertrain Products

- Alternator
- Motor Generator
- Starter
- Inverter
- Motor
- Integrated Starter Generator (ISG)
- Engine Control Unit
- EGR Valve
- Sensor



•Alternator



•Engine Control Unit



•Integrated Starter Generator (ISG)



•EGR Valve

Chassis Control Products



•Electric Power Steering System (Motor/Control unit)

Car Multimedia & Safety Products

- Car Navigation System
- Display Audio
- Rear Seat Entertainment System
- ADAS ECU
- LED Control Unit
- High-definition Locator
- Driver monitoring system



•Car Navigation System



•ADAS ECU



•LED Control Unit

NOTE: Automotive equipment from Mitsubishi Electric is sold as original equipment mainly to automobile manufacturers. If you have an inquiry for non-aftermarket parts, please contact your car manufacturer or local service dealer.



SEMICONDUCTORS AND DEVICES

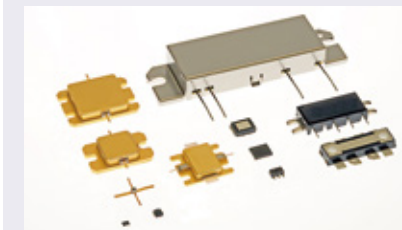
Mitsubishi Electric develops and manufactures power devices that contribute to the realization of a decarbonized society, as well as cutting-edge high-frequency devices, optical devices, and infrared sensors.

Power Devices



- SiC-MOSFETs
- SiC-SBDs
- SiC Power Modules
- SOPIPMs
- DIPIPMs
- IPMs
- IGBT Modules
- HVIGBT Modules
- Power MOSFET Modules
- Diode Modules
- PFC Modules
- Thyristor Modules
- Rectifier Diodes
- Thyristors
- HVICs, etc

High-Frequency Devices



Optical Devices



Infrared Sensors



Contact Image Sensors



SPACE SYSTEMS

Since the 1960s, Mitsubishi Electric has demonstrated its unique strengths in the design and manufacture of satellites to deliver systems for communications projects, government agencies, and other large-scale clients.

Space Systems



•Satellite Platform



•Satellite Programs



•Optical and Radio Telescopes



•Satellite Components

High-Precision GPS Mobile Measurement System



•Mobile Mapping System

NOTE: This leaflet introduces products and systems sold in Japan; some products may not be available in certain markets outside Japan.