MITSUBISHI ELECTRIC
Changes for the Better

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
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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.

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

•Elevators

•Escalators

•Destination Oriented Allocation System (DOAS)

Hand Dryers

•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)

Energy Recovery Ventilators (LOSSNAY)

Air to Water Heat Pumps

Chillers

•Module Combination

•Inverter Scroll Chiller

Compressors

•Scroll Compressor

•Rotary Compressor

IT Cooling Systems

•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.

Transmission and Distribution

•Transmission and Distribution System

•DC Solution

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.

Optical Network Solutions

•Optical Cross Connect (OXC)

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

Vehicle Control Products

•Electric Power Steering System (Motor/Control unit)
•ADAS ECU
•LED Control Unit
•High-definition Locator
•Driver monitoring system

•Electric Power Steering System (Motor/Control unit)

•Driver monitoring 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 Power Modules
•SOPIPMs
•DIPIPMs
•IPMs
•Rectifier Diodes
•Thyristors
•IGBT Modules
•HVIGBT Modules
•Power MOSFET Modules
•Diode Modules
•HVICs, etc.

High-Frequency Devices

Optical Devices

Infrared Sensors

Contact Image Sensors

SPACE SYSTEMS

Mitsubishi Electric has been a pioneer of space technology development in Japan since the1960s, and is strongly committed to international space development and satellite construction.

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.