

Fuji Electric's Energy and Environment Businesses

With energy and environment technology as its core technology, Fuji Electric contributes to the creation of responsible and sustainable societies through its four business segments: Power Electronics Systems, Power and New Energy, Electronic Devices, and Food and Beverage Distribution.

Power Electronics Systems

Energy Solutions

Stable and Optimal Energy Supply

Fuji Electric supports electricity infrastructure with proven technologies to ensure that energy can be supplied in a stable, reliable, and optimal manner.



Factory energy management systems (FEMS)



Uninterruptible power systems



Substation equipment



Magnetic switches

Industry Solutions

Increased Productivity and Energy Savings

Fuji Electric combines its power electronics products with measuring instruments and the Internet of Things (IoT) and facilitates the advance of plant automation and visualization to increase productivity and save energy.



Inverters and servo systems



Industrial drive systems



Gas analyzers



Passenger door systems

Power and New Energy

Supply of Clean Energy

Fuji Electric's sophisticated plant engineering capabilities helps meet the growing demand for electricity by providing an array of highly efficient power plant equipment that supplies environmentally friendly clean energy.



Steam turbines



Geothermal power generation



Solar power generation systems

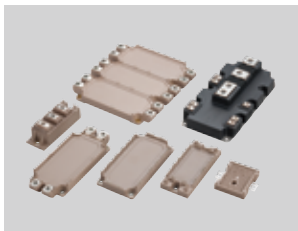


Fuel cells

Electronic Devices

Key Devices for Power Control and Conversion

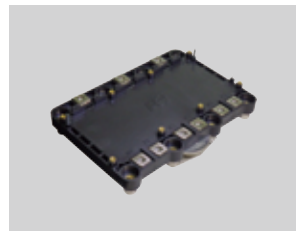
Across the industrial and automotive fields, Fuji Electric contributes to high levels of efficiency and energy savings by supplying power semiconductors, which are key devices in power electronics.



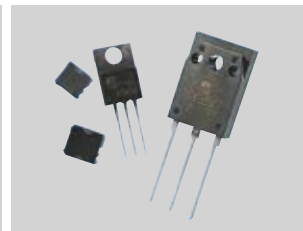
IGBT modules



SiC modules



Automotive IGBTs



Power MOSFETs

Food and Beverage Distribution

Safety and Security of Food

In the food distribution field, Fuji Electric helps to ensure the safety and security of food by combining core heating and cooling technologies with mechatronic technologies and the IoT to provide ideal products and solutions.



Can and PET bottle vending machines



Vending machines for food and other goods (models for China and other Asian markets)



Freezers and refrigerated showcases



Automatic change dispensers