

# History of Fuji Electric

**1923** Fuji Electric Manufacturing Co., Ltd. was established as a capital and technology alliance between Japan-based Furukawa Electric Co., Ltd., and German-based Siemens AG. The result was a company with characteristics inherited from industry in both countries.



Company emblem, "FS" mark

**1935** Established Fuji Tsushinki Manufacturing Co., Ltd. by spinning off the Telephone Department (Present: Fujitsu Limited)

**1984** Changed company name to Fuji Electric Co., Ltd.

**2002** Introduced our corporate symbol mark

**2003** Changed name to Fuji Electric Holdings Co., Ltd., owing to shift to pure holding company system

**2011** Changed company name to Fuji Electric Co., Ltd.

**2014** Created new corporate brand emblem for products

**1942** Began operation of the Matsumoto Factory

**1943** Began operation of the Fukiage Factory and Tokyo Factory

**1925** Began operation of the Kawasaki Factory

**1944** Began operation of the Mie Factory

**1961** Began operation of the Chiba Factory

**1968** Began operation of the Kobe Factory and Suzuka Factory

**1970** Established Fuji Electric Co., Ltd., USA (Present: Fuji Electric Corp. of America)

**1973** Began operation of the Otawara Factory

**1987** Established Fuji Electric Gesellschaft mit beschränkter Haftung (Present: Fuji Electric Europe GmbH)

**1989** Established Singapore Fuji Electric Co., Ltd. (Present: Fuji Electric Asia Pacific Pte. Ltd.)

**1991** Began operation of the Yamanashi Factory

**1995** Established Fuji Electric (Thailand) Co., Ltd.

**1995** Established Fuji Electric Philippines, Inc.

**1996** Established Fuji Electric (Malaysia) Sdn. Bhd.

**1999** Established Fuji Electric (Shanghai) Co., Ltd. (Present: Fuji Electric (China) Co., Ltd.)

**2003** Established Dalian Fuji Bingshan Vending Machine Co., Ltd.

**2008** Fuji Electric FA Components & Systems Co., Ltd., merged operations with Schneider Electric Japan Ltd. (Power distribution and control equipment joint venture)

**2008** Established METAWATER Co., Ltd. as a joint venture with NGK Insulators, Ltd.

**2009** Established Fuji Electric India Private Ltd.

**2010** Established Fuji Electric Power Supply (Thailand) Co., Ltd. (Present: Fuji Electric Manufacturing (Thailand) Co., Ltd.)

**2010** Began operation of the Tsukuba Factory

**2011** Established PT. Fuji Electric Indonesia

**2013** Established Fuji Electric Vietnam Co., Ltd.



Power generation plants	<b>1936</b> Built first hydraulic turbine, a 4,850 HP Francis Turbine	<b>1955</b> Full-scale entry into thermal power generation business. Concluded an agreement with Siemens to deploy steam turbine manufacturing technologies. Delivered Japan's first supercritical multi-pressure type large-capacity turbine, one of the largest in Japan.	<b>1966</b> Supplied nuclear pressure vessels and other equipment to the Tokai Nuclear Power Plant	<b>1977</b> Received an order for our first full-scale geothermal power generation facility 40 MW unit for El Salvador's electricity authority	<b>1998</b> Supplied 100 kW phosphoric acid fuel cell	<b>2017</b> Delivered one of Japan's largest geothermal binary plants 5050 kW for Takigami Binary Power Plant			
	<b>1924</b> Began manufacturing electric motor	<b>1930</b> Began manufacturing mercury-vapor rectifier	<b>1954</b> Began manufacturing ultra-compact magnetic switch	<b>1965</b> Electric propulsion system fitted to Antarctic exploration ship "Fuji"	<b>1974</b> Released installation-type ultrasonic flowmeter	<b>1980</b> Released the programmable logic controller "MICREX-P"	<b>1991</b> Released gas-insulated switchgear	<b>2002</b> Supplied an environmental radiation monitoring system	<b>2017</b> Supplied SiC equipped main converters for Shinkansen trains
Power electronics	<b>1925</b> Began manufacturing transformer. Delivered our first unit to a mining company	<b>1937</b> Began manufacturing watt-hour meter	<b>1966</b> Released medium and large capacity UPS (200 kVA)	<b>1976</b> Began manufacturing general-purpose inverters	<b>1988</b> Supplied world's first EIC integrated control system to a steel company	<b>1997</b> Supplied the world's first large-capacity flat IGBT equipped main converters for Shinkansen trains	<b>2012</b> Released power conditioner for mega solar	<b>2018</b> Supplied exhaust gas cleaning systems for ships	
	<b>1959</b> Began manufacturing silicon diodes	<b>1975</b> Began manufacturing bipolar transistors	<b>1988</b> Began manufacturing 1st-generation IGBTs	<b>1997</b> Expansion of 4th-generation IGBT product lineup	<b>2010</b> Development of next-generation SiC module power semiconductor	<b>2016</b> Began shipping direct water-cooled power modules for automotive applications (Built-in RC-IGBT)	<b>2018</b> Began shipping 7th-generation RC-IGBT for industrial equipment		
Semi-conductors	<b>1969</b> Released vending machines	<b>1970</b> Released cup-type coffee vending machines	<b>1973</b> Released open showcases	<b>1976</b> Released Hot & Cold vending machines	<b>2011</b> Released hybrid heat pump vending machines	<b>2012</b> Released coffee machines for convenience stores			
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Food and beverage distribution	<b>1969</b> Released vending machines	<b>1970</b> Released cup-type coffee vending machines	<b>1973</b> Released open showcases	<b>1976</b> Released Hot & Cold vending machines	<b>2011</b> Released hybrid heat pump vending machines	<b>2012</b> Released coffee machines for convenience stores			