Solutions for Utilities

WHY MITSUBISHI ELECTRIC?

Mitsubishi Electric delivers innovative products and technologies to help power generation facilities stay productive, profitable, efficient and safe. These include uninterruptible power supply products, high-visibility display wall systems and award-winning cooling and heating systems. We also provide the latest automation and control technologies used in electric power transmission and distribution.

TRANSMISSION & DISTRIBUTION
- Our portfolio of high quality power equipment, systems and solutions include generators, medium- and high-voltage switchgears, transformers, substations and power stabilizing devices
- High-performance power electronics-based systems and HVDC Diamond® solutions reliably and efficiently transmit electricity generated by renewable energy resources
- Utility-scale PV inverters, battery storage solutions and complete power conditioning systems (PCS) support large-scale solar applications

COOLING & HEATING
- Zoned Comfort Solutions™ and Variable Refrigerant Flow (VRF) cooling and heating systems deliver unmatched energy efficiency
- Award-winning cooling and heating technology uses minimum energy necessary to maintain desired temperature levels
- Expanded product line features extend low ambient cooling capabilities and building automation

UNINTERRUPTIBLE POWER SUPPLY
- Precision-engineered, high quality uninterruptible power supply (UPS) products protect mission critical equipment during times of power instability
- Reliable, environmentally friendly UPS systems are ideal for backing up alarms, security systems and remote communications in utility substations
- UPS systems can also be used for metering applications to ensure accurate usage measurement

VISUAL INFORMATION SYSTEMS
- Display walls for large-scale visualization applications facilitate mission-critical, continuous operations in utility networks, command and control, traffic and highway management, and emergency operations centers
- High quality display cubes, ultra-narrow bezel LCD monitors and seamless direct-view LED video display wall systems deliver stunning visuals with reliability and durability

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Solutions for
Large Retail

WHY MITSUBISHI ELECTRIC?
From regional shopping malls to mega retail and entertainment complexes, Mitsubishi Electric’s complementary, quality products and services provide an integration-friendly and cost-competitive solution. Highlighted by industry-leading elevators and escalators, our extensive product portfolio includes HVAC systems and variable frequency drives to maximize their energy efficiency, uninterruptible power supplies and more.

COOLING & HEATING
- Variable Refrigerant Flow (VRF) zoning systems offer tenants more efficient control over their comfort
- Customizable systems provide tailored comfort solutions to buildings of different configurations and uses
- System tracks energy usage for accurate energy allocation

ELEVATORS & ESCALATORS
- Our elevators and escalators provide the world’s highest standards in innovation, energy, efficiency, safety and comfort
- Portfolio includes high-speed gearless passenger and service elevators, Diamond Trac “machine room-less” elevators, indoor and outdoor escalators, spiral escalators and hydraulic passenger, service and freight elevators
- Services include modernization of existing buildings and preventive maintenance

VARIABLE FREQUENCY DRIVES
- Variable frequency drives (VFDs) control the motor speed of HVAC systems’ fans and pumps
- The latest inverter technology provides continuous adjustment for optimum energy usage under varying conditions
- VFDs offer significant savings on energy costs, while reducing wear and tear on motors

UNINTERRUPTIBLE POWER SUPPLY
- Precision-engineered, high quality uninterruptible power supply (UPS) products allow continuous operation of point-of-sale systems and other operation-critical equipment to minimize business disruption during a power failure
- UPS systems assure customer and staff safety by ensuring that fire protection systems, elevators and escalators operate during a power interruption

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Solutions for
Data Center,
Finance, Casino & Broadcast

WHY MITSUBISHI ELECTRIC?

Mitsubishi Electric integrates display walls, uninterruptible power supply (UPS) systems, HVAC systems and variable frequency drives to ensure efficient operations of data centers, casinos, broadcast control rooms and financial facilities. Our projection cubes create reliable video walls for demanding command and control applications, and our UPS products minimize business disruption and protect equipment in the event of power instability.

COOLING & HEATING

- Our systems handle the rugged conditions of light commercial, low ambient cooling applications
- Energy-saving inverter-compressor technology uses minimum energy necessary to maintain required cooling levels while adjusting to partial-load conditions

UNINTERRUPTIBLE POWER SUPPLY

- Precision-engineered, high quality uninterruptible power supply (UPS) products protect mission-critical equipment during times of power instability
- Reliable, environmentally friendly UPS systems ensure that the information technologies that support enterprises are perpetually available
- In financial applications, these UPS products ensure that all transactions are properly and securely executed after a power failure

VISUAL INFORMATION SYSTEMS

- Display walls for large-scale visualization applications facilitate mission-critical, continuous operations in data centers, casinos, broadcast control rooms and financial facilities
- High quality display cubes, ultra-narrow bezel LCD monitors and seamless direct-view LED video display wall systems deliver stunning visuals with reliability and durability

VARIABLE FREQUENCY DRIVES

- Variable frequency drives (VFDs) control the motor speed of HVAC systems’ fans and pumps
- The latest inverter technology provides continuous adjustment for optimum energy usage under varying conditions
- VFDs offer significant savings on energy costs, while reducing wear and tear on motors

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Solutions for Medical and Healthcare

WHY MITSUBISHI ELECTRIC?

Mitsubishi Electric offers world-class building systems and services for owners and operators of healthcare facilities. This package includes uninterruptible power supply products to minimize disruption to patients and protect equipment, as well as leading-edge TFT-LCD modules and high quality, reliable elevators. In addition, HVAC systems incorporated with variable frequency drives assure patient comfort with maximum energy efficiency.

UNINTERRUPTIBLE POWER SUPPLY

- Precision-engineered, high quality uninterruptible power supply (UPS) products protect mission-critical equipment during times of power instability
- UPS systems ensure that life-saving procedures and expensive processes can be successfully performed without interruption during a power failure
- These systems also help healthcare facilities achieve compliance with regulatory requirements, such as incoming power quality for medical equipment and seismic ratings

COOLING & HEATING

- Zoned Comfort Solutions™ and Variable Refrigerant Flow (VRF) cooling and heating systems provide year-around comfort
- VRF zoning heat pump systems using inverter technology maximize energy savings and help improve patient and staff comfort

ELEVATORS & ESCALATORS

- Our elevators and escalators offer the world’s highest standards in innovation, energy, efficiency, safety and comfort
- Portfolio includes high-speed gearless passenger and service elevators, Diamond Trac “machine room-less” elevators, indoor and outdoor escalators, spiral escalators, and hydraulic passenger, service and freight elevators
- Services include modernization of existing buildings and preventive maintenance

TFT-LCD MODULES

- Our LED backlight systems have a typical life span of up to 100,000 hours, with high-bright displays ranging from 1,000 – 1,500 cd/m2
- Customization options include PCAP or resistive touch, optical or tape bonding, and more
- Mitsubishi Electric’s integrated PCAP supports 2-point to 10-point touch, even through the use of thick heat-resistant gloves and cover glass of up to 5.0mm

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