Mitsubishi Electric has long been at the forefront of offering Uninterruptible Power Supplies with the highest efficiencies available coupled with unparalleled reliability. Mitsubishi Electric’s superior expertise in optimizing power device control is evident by the flatness of the resulting curve, demonstrating high efficiency across all load levels. Mitsubishi Electric delivers the highest reliability among backup power equipment suppliers through robust proprietary technology and industry leading capacitor life of 15 years to deliver continuous power in the most demanding environments.

Whether your data center is new or existing, installation is made significantly easier by utilizing Mitsubishi Electric’s industry leading small footprint. Customers can replace existing UPS modules with higher capacity, smaller footprint modules with lower harmonics and increased operating efficiencies. It’s time to rethink your UPS!

Features & Benefits

1. Static switch with wrap around contactor for increased reliability and added redundancy
2. High quality industrial grade fans to provide longer life and enhanced dependability
3. 15 year capacitor life for increased reliability and decreased maintenance costs
4. Draw out trays for ease of maintenance and decreased downtime
5. Flexible input/output cabinet

Uptime

>99.9993%

The UPS of Choice for Large Data Centers

Our Services

- Factory Testing & Startup
- 24/7 Customer Support
- Maintenance & Repairs
- Batteries & Battery Services

Simply call 800-887-7830 for assistance.

About Us

The Mitsubishi Electric name has long been recognized as one of the world’s leaders in the manufacture of electrical products. From its founding in 1921, Mitsubishi Electric has been at the forefront of technical ingenuity and product innovation. Since 1964, Mitsubishi Electric has been manufacturing precision engineered highly reliable Uninterruptible Power Supplies and solving the challenges of American critical facilities since 1985. Mitsubishi Electric leads the way in technological advances of uninterruptible power supplies and is the only major brand that manufactures its own semiconductors. Mitsubishi Electric holds the highest efficiency rating for the AC-Double Conversion (VFI) category on the Energy Star website and openly shares reliability data.
While the UPS is the most critical piece of infrastructure in a data center, Mitsubishi Electric can customize a complete and seamless backup solution to suit a customer’s specific needs. A variety of peripherals including maintenance bypasses, DC energy solutions, and communication options are readily available.

### Complete Solutions

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### Battery

- **Nominal Voltage**: 480 Vdc
- **Minimum Voltage**: 400 Vdc
- **Float Voltage**: Up to 600 Vdc
- **Type**: VRLA, VLA, NiCad, Lithium Ion, Flywheel

### AC Output

- **Configuration**: 3 phase 3 wire
- **Voltage**: 480V
- **Voltage Regulation**: ±1% for balanced load; ±2% for unbalanced load
- **Voltage Balance**: 1%
- **Voltage THD**: <2% at 100% linear load; <5% at 100% non-linear load
- **Transient Response**: ±2% for step load; ±1% for loss/return of AC input; ±5% for retransfer from bypass to inverter
- **Transient Recovery Time**: 20 ms
- **Frequency**: 60Hz
- **Frequency Regulation**: ±0.01% in free running mode
- **Phase Displacement**: ±1° for 100% balanced load; ±3° for 100% unbalanced load
- **Power Factor**: 1.0
- **Overload Capacity**: 125% for 10 min; 150% for 1 min

### Environmental

- **Cooling**: Forced Air
- **Operating Temperature**: 32°F to 104°F (0°C to 40°C)
- **Relative Humidity**: 30% to 90% non-condensing
- **Altitude**: 0 to 7400 feet (2250 m)
- **Location**: Temperature-controlled, indoor area free of conductive contaminants
- **Clearance Required (Max)**: Top: 23.63 in; Front: 42.3 in; Rear: 0 in.

### General

- **Weight (lbs)**: 2360 lb (1070.5 kg) / 3605 lb (1635.2 kg) / 4525 lb (2052.5 kg)
- **Dimensions (WxDxH)**: 55.12"W x 32.7"D x 80.7"H / 88.35"W x 32.7"D x 80.7"H / 106.85"W x 32.7"D x 80.7"H
- **Heat Rejection (kBTU/HR)**: 300 kVA / 500 kVA / 750 kVA
- **@ 100% Load**: 42.68 / 69.28 / 99.00

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**IT’S TIME TO RETHINK YOUR UPS.**

www.MitsubishiCritical.com
UPSsales@meppi.com
800-887-7830
724-772-2555

Mitsubishi Electric
UNINTERRUPTIBLE POWER SUPPLIES

SA-ENL0052 (04/19)