




**MITSUBISHI
ELECTRIC**

UNINTERRUPTIBLE POWER SUPPLIES

SUMMIT SERIES[®]

MOST EFFICIENT UPS

Powered by Mitsubishi Electric's revolutionary Silicon Carbide (SiC) semiconductors, the SUMMIT Series delivers ultra high efficiency in a small footprint and minimal total cost of ownership.



UPS (VFI) Efficiency Rankings

- #1: Mitsubishi - SUMMIT 750 Efficiency: 99%
- #2: Mitsubishi - SUMMIT 500 Efficiency: 97.6%

ENERGY STAR

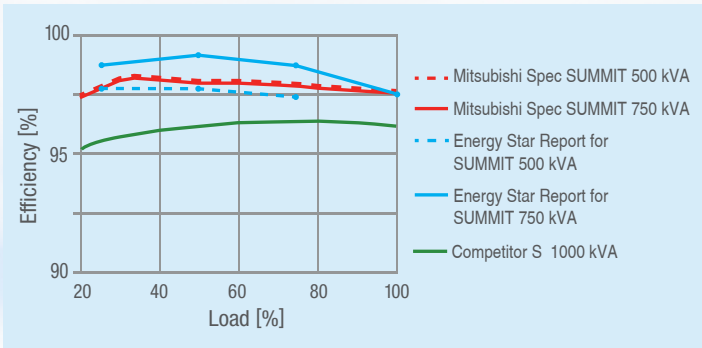
THE #1 MOST



*The SUMMIT Series' revolutionary use of silicon carbide in its semiconductors unleashes the power within and delivers the highest efficiency of any true online double conversion UPS on the market.**

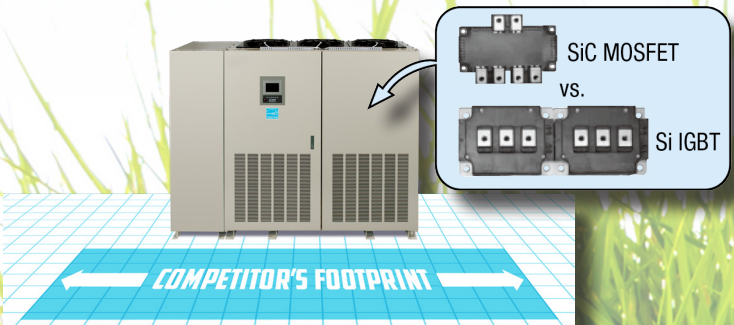
* Energy Star website: www.energystar.gov

Higher Efficiencies Realized



Mitsubishi Electric's superior expertise in optimizing power device control is proven by the flatness of the SUMMIT's efficiency curve, demonstrating high performance across all load levels.

The compact molecular structure of SiC inherently possesses extraordinary strength and hardness, and imparts many desirable characteristics in a power device that enable the semiconductor material to be much thinner and effectively shrink the UPS cabinet size.

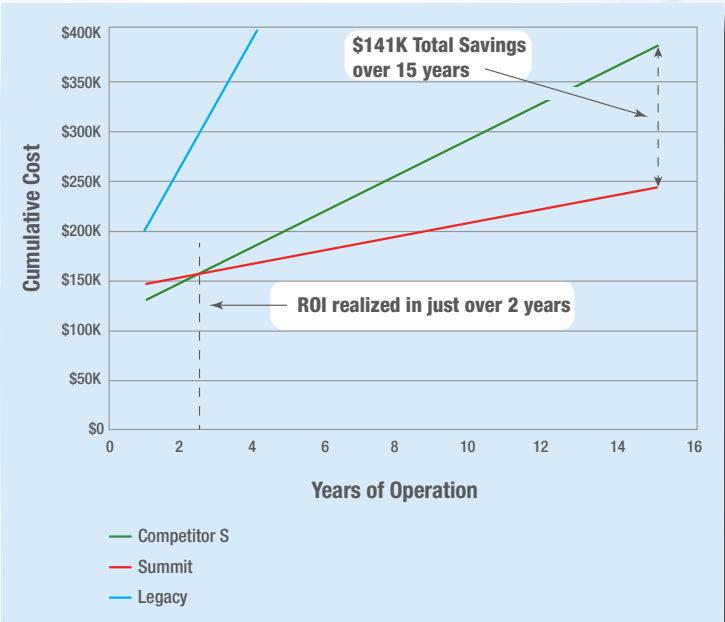


The SUMMIT delivers the same capacity of competitors' models in just 60% of the floor

EFFICIENT UPS

Silicon Carbide also handles higher voltages, frequencies, and temperatures better than its forerunner, silicon. The sum of all of these advantages leads to higher efficiencies and translates into lower energy usage and operating costs, all while operating in true online double conversion without compromising load and power protection, unlike Eco or Standby modes.

Significant Savings Realized Over Time



“Wide band gap semiconductors (such as SiC) are a foundational technology that will transform multiple industries, resulting in billions of dollars of savings.”

- US Department of Energy

RELIABILITY



If downtime in your business equals disaster, Mitsubishi Electric delivers the highest reliability among backup power equipment suppliers through robust proprietary technology designed to deliver continuous power in the most demanding environments. Whereas competitors only estimate their reliability, Mitsubishi Electric's installed base of uninterruptible power supplies have sustained load carrying capability better than 99.9994% of their actual operational history.

> 99.9994%*

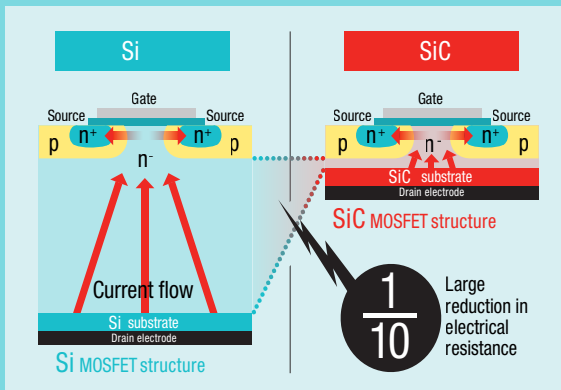
* For Mitsubishi Electric 9900, 1100, and Summit Series UPSs shipped by Mitsubishi Electric Power Products, Inc. since 2010.



THE MOST TECHNICALLY ADVANCED UPS

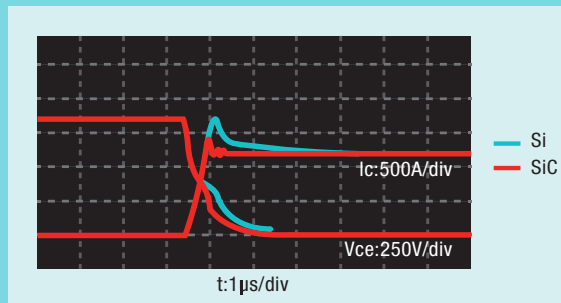
Mitsubishi Electric has long been at the forefront of Uninterruptible Power Supplies with the most technologically advanced designs coupled with unparalleled reliability. The use of SiC is a game changer in the UPS market with a number of ground-breaking advancements, all adding up to deliver unprecedented efficiencies.

Power Losses Reduced



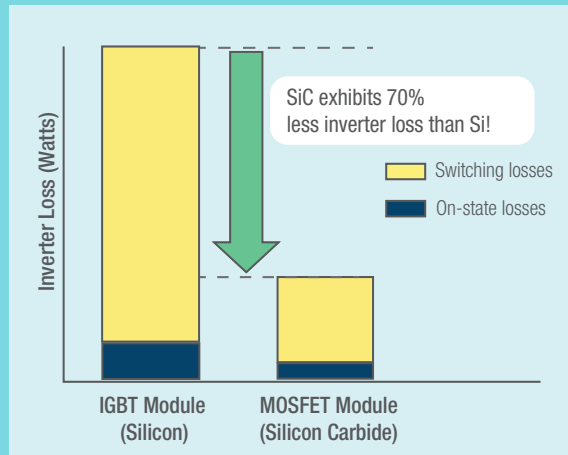
SiC possesses approximately 10 times the critical breakdown strength of silicon, enabling a large reduction in electrical resistance and, in turn, reduces power loss.

High Speed Switching Realized



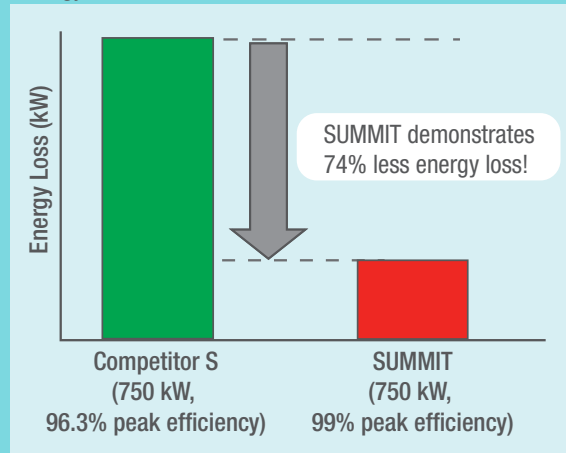
Utilizing SiC enables the use of Schottky Barrier Diodes (SBDs), delivering higher switching frequencies and better sine wave re-creation and ultimately leading to higher efficiencies.

Inverter Losses



The efficiency gains from SiC directly correlate to lower energy losses of the SUMMIT when compared against the competitor's latest UPS. SiC is the most disruptive technology in the power electronics industry since the invention of the Insulated Gate Bipolar Transistor (IGBT).

Energy Losses Reduced



SERVICE SOLUTIONS

Mitsubishi Electric's highly reliable and efficient products are backed by a full range of Field and Factory Services



FACTORY TESTING & STARTUP

Every UPS from Mitsubishi Electric is tested prior to shipment and is furnished with the signed test report. Startup and commissioning are performed by certified technicians on site. Customized demos and factory witness tests can also be conducted at our Warrendale, PA facility.



24/7 CUSTOMER SUPPORT

Highly skilled technical support representatives are available to troubleshoot by phone and, if necessary, are able to dispatch a certified technician to your site.



MAINTENANCE & REPAIRS

Equipment reliability depends on periodic maintenance and inspection. Mitsubishi Electric offers a variety of customized maintenance solutions and comprehensive services to troubleshoot, diagnose, and repair system irregularities.



BATTERIES & BATTERY SERVICES

As batteries are the leading cause of UPS failure, Mitsubishi Electric offers a wide range of maintenance, monitoring, and replacement services designed to keep your batteries fully operational.

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 web site and openly shares reliability data.

With the total cost of an unplanned data center outage now estimated at \$500K-\$1M, it is increasingly imperative to minimize the risk of loss by choosing the best UPS to protect your business.

IT'S TIME TO RETHINK YOUR UPS.



UNINTERRUPTIBLE POWER SUPPLIES

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