

FOR IMMEDIATE RELEASE

Solar Ware® Samurai 1500V Model Awarded UL Certification

2700kW inverter meets strict standards and showcases TMEIC's commitment to high quality products

SALEM, Va. (June 27, 2016) – Toshiba Mitsubishi-Electric Industrial Systems Corporation (TMEIC) is proud to announce that its Solar Ware® Samurai 1500VDC photovoltaic inverter has achieved a UL 1741 safety certification, including meeting the IEEE 1547 Standards for Distributed Resources Interconnection and Interoperability With the Grid, making it the first 1500V inverter to receive this significant achievement.

“At TMEIC, we are committed to helping our customers deliver safe and reliable power by designing and manufacturing inverters that meet the industry’s highest standards,” says Donn Samsa, TMEIC Renewable Energy General Manager. “This UL certification demonstrates our commitment to delivering high quality, high performance inverters and highlights our dedication to bringing our customers the equipment needed to develop modern and efficient grids, while adhering to the highest safety standards.”

The new inverter is the latest addition to TMEIC’s portfolio of PV utility scale solar inverters for industrial markets. Built on decades of engineering experience with power electronics, Solar Ware® inverters offer the industry’s most advanced grid management in an efficient, compact footprint.

Features of SOLAR WARE® 1500V Series

- Maximum 1500V DC voltage (input side)
- Outdoor Photovoltaic inverter designed for outstanding performance in harsh environments (ambient temperature of -20~50°C)
- Hybrid cooling (natural convection cooling up to 50% of rated power) saves energy and increases reliability
- Highest power conversion efficiency of 98.8%
- Compliant with UL and IEC standards

Customer Benefits

- Approximately 30% reduction of the number of inverters installed compared with 1000V inverters.
- Reduces peripheral equipment such as a set-up transformer, switchgear and cables as well as installation and wiring work.
- The highest level of power conversion efficiency maximizes output power capacity.
- Significant reduction of operating costs.

As the world's leading industrial system integrator, TMEIC engineers advance solutions for various industries throughout the world, including renewable energy. With more than 30 years of manufacturing, research and development experience in the renewable energy industry, TMEIC solar power solutions are in use around the globe, including 14 states in the U.S. TMEIC has shipped 8.3GW of PV inverters



globally and was recently recognized for the second year in a row as the Frost & Sullivan *Company of the Year* for 'revolutionizing PV utility-scale solar inverter solutions in terms of market reliability, efficiency and productivity.'

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About Toshiba Mitsubishi-Electric Industrial Systems Corporation (TMEIC)

Toshiba Mitsubishi-Electric Industrial Systems Corporation (TMEIC) was formed in 2003 following the merger of the industrial systems departments of Toshiba Corporation and Mitsubishi Electric Corporation. TMEIC manufactures and sells variable frequency drives, motors, photovoltaic inverters and advanced automation systems for a range of industrial applications. We drive industry.

The North American operation –

TMEIC Corporation, headquartered in Roanoke, VA, designs, develops and engineers advanced automation, large AC and DC motors, photovoltaic inverters and variable frequency drive systems. TMEIC Corporation specializes in the Renewable Energy, Metals, Material Handling, Oil & Gas, Mining, Testing and other industrial markets worldwide. We drive industry. www.tmeic.com