High Power Magnetics
Division

Powering your world
wherever you need
with
whatever you need
powering your world

Since the founding of Tamura Corporation in Japan in 1924 up to the present day we have always tried to grow and improve our capabilities and performance by working towards the same mission: We will always strive to contribute to Society by producing excellent products.

Tamura High Power Magnetics Division (HPM), a partner of the main players in the energy conversion industry, is a specialist in the development, design and manufacture of Low & Medium Voltage transformers and inductors up to several MVA.

Our Global organisation offers local technical and commercial support, together with competitive pricing achieved from our production sites in Europe, India, China, Korea, Malaysia, Mexico and Brazil.
The demand for reliable, efficient, and high-quality magnetic components is increasing day by day. The world is expanding its demand for environmental-friendly, stable, and high-quality energy supply. Multiple kinds of sources, smart grids, HVDC transportation are all requesting reliable, efficient, and high-quality magnetic components. Tamura is in the position to satisfy this demand in terms of co-development, type testing, and production.

Almost all processes in the actual industry are possible because of the intensive use of power electronics. From voltage adapters for machine tools to the larger motor drive circuits, Tamura components are a valid solution that can cover the wide range of all possible applications.

Energy distribution, energy storing, voltage optimisers, signalising, power factor correction and safe energy are only a few examples of the large number of systems where Tamura magnetic components are used.

The World demand for reduction in production of CO₂ is strongly pushing the electrical energy generation to pass from fossil fuels to renewable sources. Solar and Wind generators are the main alternatives both systems are intensively using magnetic components in a wide range of environmental conditions where both AN, AF, WC direct/indirect cooling are applied. Tamura is complying with the high demand of efficiency and reliability of this market segment.

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Almost everything inside a modern vessel is electrical. Quite big MV rectifier transformers, MV/LV filtering reactors, LV distribution transformers are just examples of the possible magnetics applications. The marine environment, mechanical stress, third party approval, the reduced weight and dimensions are the main criteria.

Special UPS, dedicated battery charger, ozoneizers, motor drives for drilling, pumps and many other applications are the most used systems in this market segment. The common denominators are the extreme environmental conditions, the multiple applied standards, the reliability and life time. The plants are requiring huge investments where a significant part s due to the electrical equipment where magnetic components are present including the Tamura brand.
wherever you need

TAMURA CORPORATION OF AMERICA
Escondido, U.S.A

INDUSUL
Santa Rita do Sapucaí
Minas Gerais

INDUSUL
Massaranduba
Santa Catarina

TAMURA EUROPE LTD
Znojmo, Czech

TAMURA EUROPE LTD
Lyon, France

TAMURA EUROPE LTD
Calne, United Kingdom

TAMURA MAGNETIC ENGINEERING SRL
Perugia, Italy

TAMURA MEXICO
Tijuana
with whatever you need

LV Transformers and Reactors Dry Type
(Air Natural/Forced cooled)

MV Transformers and Reactors Dry Type
(Direct Water-Cooled)

MV Transformers and Reactors Dry Type

MV Transformers and Reactors Cast-Resin and Oil Filled

LV Transformers and Reactors Dry Type
(Indirect Water-Cooled)
From the foundation of Tamura Corporation in 1924 to this present day and age in which we find ourselves expanding our operations into evermore global fields, the mission of our group has not changed. We will always strive “to contribute to society by producing excellent products.” Now, as part of our ongoing endeavor, our entire group will embark on a new venture—the challenge of building a new, more appealing Tamura bonded in unison as “only one company.”

Innovative technology makes life for people around the globe more convenient and enjoyable. The world is continually pursuing newer and more refined technology. Positioned in the heart of the electronics industry, which is undergoing such tremendous progression, the Tamura Group will do what only we can to meet the world’s cry for next-generation technology. To that end our entire group is utilizing its combined years of experience and knowledge, working together as one body to continue numerous endeavors that foster creativity, refine development and increase cutting-edge technological capabilities.

Whenever the world hails the advent of a new product or system, whenever a revolutionary technology, material or component is introduced in the electronics industry, Tamura is there. Expect great things from the Tamura Group in the future, as we assume our new identity as “only one company,” helping to preserve the world’s environment while supporting society’s information revolution.

N. Tamura