



COSEL announces new R&D Innovation center in Toyama Japan

Press Release
October 30, 2018

COSEL Co, Ltd (6905: Tokyo) has today announced the opening of a new R&D and innovation center in Toyama, Japan. In a brand new, purpose built building with a floor space of 8,200 square meters, 250 R&D employees will have access to the most advanced equipment and technologies to design high quality power solutions with a reduced time-to-market. Looking towards future requirements and in order to respond rapidly to market demands, the 1.7 billion Japanese Yen investment (13 million Euro) will make it possible to host 100 more R&D employees, making COSEL one of the largest power technology forces serving demanding customers in the world today.

The new R&D and Innovation center features no less than five EMC anechoic chambers, including one complying with the stringent three meters requirement for radio emissions and susceptibility testing. Having the capability to test many products simultaneously within the R&D department significantly reduces the verification and qualification process times in a market where regulation and compliance is evolving rapidly.

The center comprises five departments, On board power solutions, AC/DC standard units and configurations, Intelligent power supplies, Custom service for modifications/adaptation, and EMI filters. The departments will share the new facility, increasing synergy levels within the COSEL R&D community. With a strong focus on quality and energy saving, the research team is conducting a number of projects aiming to increase power conversion efficiency such as Wide Bandgap (GaN, SiC) semiconductors, digital power control and energy management, and a close relationship within the five departments is key to success.

“Combining the resources and technologies of the new COSEL R&D Innovation center in Japan with the recently acquired Powerbox, and having three R&D centers in Europe and a high level of expertise in custom power solutions for demanding applications positions COSEL as an undoubted market leader.” says Tatsuo Yamamoto, COSEL’s EU & USA Sales Director. “From board power to very specialized power solutions such as in high magnetic fields in MRI equipment, we have solutions to support our customers and we foresee a high potential from our latest research to reduce energy consumption, benefiting society as a whole.”



For developing products for industrial and harsh environments, COSEL's R&D Innovation Lab includes climatic chambers able to reproduce various onerous conditions such as salt laden atmospheres and oil bath immersion.

The new facility has been designed using the latest energy management and energy saving technologies such as air to air exchangers to regulate building and test room temperatures. A centralized computer permanently controls the environment and energy distributed within the building. Even the parking lot is equipped with the latest technology chargers for electrical vehicles. In designing and building its new R&D Innovation Lab, COSEL has endeavored not only to comply all the requirements of ISO 9001-2015 and ISO 14001-2015, but whenever possible to exceed them in order to produce a true, world leading, state of the art innovation center.



COSEL new R&D and innovation center in Toyama, Japan



About The COSEL Group:

Established in Japan 1969, COSEL is one of the world's leading designers and manufacturers of high performance AC-DC Power Supplies, DC-DC Converters and EMI Filters. With quality, reliability & flexibility as our main focus, we pride ourselves on developing some of the highest quality and most reliable products seen anywhere in the world today. The COSEL Group is a \$284m global company employing some 790 staff with sales offices throughout Japan, Asia, Europe and North America. Our product range is aimed mostly at demanding applications within the Industrial, Factory Automation, Medical, Telecoms, Lighting, Audio/Broadcast & Renewable Energy sectors. A flexible approach with full in-house design means we deliver products using the very latest technology meeting the growing demands of our customers.

Note to the Editors:

The COSEL Group includes the European power specialist Powerbox International AB, which has been acquired June 25, 2018 by COSEL.

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