

ELECTRIFICATION: Q-TRONIC BV/FLASH BATTERY PARTNERSHIP SETS SIGHTS ON THE NETHERLANDS AND BENELUX

The new partnership between Q-tronic BV (Holland-based powertrain system integrator) and Italy's Flash Battery, a leading producer of custom lithium batteries with over 500 different models and more than 200MWh supplied in 54 countries around the world, has its sights on one of the most electrification-oriented markets in the world.

The Netherlands, Belgium and Luxembourg are the focus of the alliance between the two companies. As pointed out by Flash Battery CEO Marco Righi and Q-tronic Managing Director Marcel Doppenberg, these areas "have set on an uncompromising journey towards far-reaching sustainability and are pushing hard for electrification, something that's taking place in every Northern European country."

Doppenberg explains: "With the Climate Agreement and the Climate Law, the Netherlands introduced restrictive measures in every industrial sector in order to reduce CO₂ emissions, going as far as to prohibit the use of carbon." "This evolution," he continues, "will drive an increasing number of manufacturers to adopt zero emissions technology and the partnership with a lithium battery expert the likes of Flash Battery will definitely accelerate this process in many OEMs."

"Q-Tronic BV, a powertrain system integrator operating in different sectors with over forty years' electrification experience, walks customers through the choice of components, such as motors and inverters, transaxles and battery chargers; it works on projects that are very different from one another, ranging from off-road (construction) and agricultural applications all the way to electric vehicle mobility applications, which are widely used in cities, airports and industries" commented Righi. "Some of the most important applications we are already working on come from the construction and earth-moving sectors," he continued, "especially compact loaders, which are requiring increasingly more energy in less space."

"The partnership with Flash Battery is the natural evolution of the demand from markets needing to electrify and looking for a one-stop source for their powertrain systems. This is why integrating all the functions revolving around the electrification process is necessary: consulting, design and prototyping; quality of materials; sustainability; reliability; high performance; and, last but not least, the personalised support service demanded by SMEs and large OEMs alike (including adequate remote control systems and training of the professionals managing the systems and vehicles)," underlined Q-tronic MD Marcel Doppenberg.

"The partnership with Flash Battery is very important to us," he continued, "because we can now combine Flash Battery's innovative and exclusive lithium battery technology with our expertise in the field; together we'll be able to offer a complete powertrain system made to a very high quality level, giving us the capability to create new electrical systems equipped with lithium batteries and customised solutions built around our customers' needs."



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CEO Marco Righi went on to underscore that “the partnership with Q-tronic represents a remarkable value for markets that have been oriented towards electrification for some time now and, as a result, are demanding high-quality, reliable products; we can deliver with our technological know-how and that part of the job that is essential to us, the design consulting stage, when we analyse specific requirements so that the application gets exactly the energy it needs.”

“Here we are sure that supported by our product R&D activities, one of our greatest strengths, we can make a substantial contribution to the creation of tremendously innovative solutions for the manufacturers who turn to Q-tronic – high-performance and reliable solutions that have earned us a place as one of the technology partners involved in developing EU supported projects,” concluded Righi.

About us

Flash Battery produces lithium batteries for industrial machinery and electric vehicles.

Since 2012, the year in which Flash Battery was founded, the company has designed and produced more than 15,000 lithium batteries, created more than 500 different custom models and installed over 200 MWh in various industrial machinery and electric vehicle applications.

Flash Battery batteries, which are in use in 54 different countries around the world, are automatically monitored on a daily basis by our proprietary Flash Data Center remote control system.

Flash Battery was born out of the passion for electronics and technology of two young men, Marco Righi (CEO) and Alan Pastorelli (CTO), who had expertise in lithium batteries and automotive systems.

Our mission is to supply lithium batteries to builders of industrial machinery and electric vehicles who have moderate production volumes and a strong need for customisation.

To learn more, visit: www.flashbattery.tech



Flash Battery Srl - Via XXV Aprile Ovest, 23/A- 42049 Sant'Ilario d'Enza (RE) - Italy



info@flashbattery.tech



www.flashbattery.tech



P.IVA 02686640356



+39 0522 906035