

100 ITALIAN E-MOBILITY STORIES

2020

SYMBOLA
Fondazione per le qualità italiane

enel x

FCA
FIAT CHRYSLER AUTOMOBILES

KAITEK FLASH BATTERY

Kaitek Flash Battery - founded in 2012 in Sant'Ilario d'Enza (RE) by an idea of Marco Righi (CEO and founder) and Alan Pastorelli (CTO and co-founder) - is one of the main European players in the production of lithium batteries for electric vehicles and industrial machines: today Flash Battery, the best-selling lithium battery in Italy, is being used in over 54 countries around the world. It has more than 350 different models in its portfolio and more than 8,000 batteries installed, with a turnover of 14 million euros in 2019 and 52 employees. Kaitek Flash Battery customers cover the most varied sectors, from robotic automation, logistics, boating, aerial platforms, to agriculture and electric vehicles.

Flash Battery batteries weigh on average 1/3 less than lead-acid batteries and can receive rapid charges of up to 50% in 30 minutes. They are equipped with the "Automatic Alert System" which analyzes the battery condition and automatically sends alerts preventing abnormal situations and avoiding any kind of maintenance to the user. They are also equipped with the active and passive "Flash Balancing System" that keeps the cells equalized and efficient throughout their entire life. In addition, the Flash Data Center allows remote control of the exact usage of each installed lithium battery by performing self-diagnostics and predictive maintenance.