

## Northern cyprus battery technologies

G?NSEL is more than just an electric vehicle (EV) manufacturer. It's also an investor in solar power technology, as well as a source of great national pride for the people of the Turkish Republic of Northern Cyprus, where it is located.

The company's journey began with a passion for cars in North Cyprus, which eventually led to the establishment of the Cyprus Car Museum, the participation in solar-powered car races, and the development of advanced computing and embedded software projects.

"The company built upon the experience and knowledge gained from previous endeavours to create an innovative and environmentally friendly car brand," Prof. Dr. ?rfan Suat G?nsel, Chairman of the Board of G?NSEL, tells Auto Futures.

G?NSEL positions itself as a technology and engineering company providing mobility solutions. It's also developing battery packs, investing in solar energy, and producing software and hardware for charging networks.

"The G?NSEL B9 is designed as a compact yet versatile electric vehicle, perfect for urban environments and the evolving needs of modern drivers. It is initially developed as a sporty 3-door hatchback in the prototype stage but will be produced as a 5-door model in the serial production version, providing comfortable seating for five adults," he explains.

The B9 offers a range of 350 km on a single charge. Fast charging capabilities enable it to reach 80% capacity in just 30 minutes at DC fast charging stations and 90% capacity in 4 hours with AC fast charging.

"In line with G?NSEL's commitment to innovative, efficient, and elegant solutions, the B9 incorporates cutting-edge technology and design elements that enhance the driving experience. These include advanced safety features, a user-friendly infotainment system, and seamless connectivity options."

Prof. Dr. G?nsel takes pride in the fact that the Turkish Republic of Northern Cyprus now has its own motor manufacturer that has the potential for significant contributions to its economic development.

"A local automobile manufacturer can create jobs and attract investments, leading to the growth of the automotive supply chain. Various local businesses could emerge to support the industry, stimulating economic growth, increasing exports, and diversifying the country's income sources," he explains.

"By investing in research and development, G?NSEL can drive new technological breakthroughs in the automotive industry, particularly in electric vehicles and renewable energy. This progress will not only benefit

the automotive sector but also create opportunities for technology transfer and collaborations in other industries."

"Electric vehicles are key to transitioning to a low-carbon economy, and a local automobile manufacturer can help accelerate the adoption of cleaner transportation solutions in the Turkish Republic of Northern Cyprus," notes Prof. Dr. G?nzel.

"By producing vehicles that cater to the local market and expanding its presence in the international automotive industry, G?NSEL can elevate the nation's status and showcase its technological capabilities to the world," he adds.

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