Israel battery testing

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The strong demand for EV, ESS & portable applications with the vision of green world drives the strong demand for battery solutions. That strong demand is responsible for more than 10% average early production capacity growth. Many companies develop new battery technologies. Battery users, developers, assemblers, designers and manufacturers invest plenty of resources and efforts to design and build an optimal battery solutions. Shmuel De-Leon Energy identified these needs and developed unique battery knowledge products and services supporting the battery industry. These unique tools and services save our customers resources, efforts and time.

Shmuel De-Leon Energy advantages; Deep battery knowledge capabilities, Strong battery consulting group, Strong battery industry networking, Marketing tools,Comprehensive trainings events, Fast response, Loyalty, Reliability.

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Herzliya, Israel, 7th September 2022 StoreDot, the pioneer of extreme fast charging batteries for electric vehicles, has commenced shipping EV cell samples of its "100in5" battery technology to strategic electric vehicle OEM partners and potential customers.

Following the successful completion of series D funding round, StoreDot commences shipping its production ready battery cell samples to global Electric Vehicle OEMs. It represents another significant step on StoreDot"s roadmap to begin mass-producing its "100in5" battery cells during 2024, and to deliver a step-change in global EV adoption. This technology provides 100 miles of range in just 5 minutes consistently and without compromising battery"s health.

Shipped in EV form factor, the 30Ah silicon-dominant anode, lithium-ion pouch cells are currently undergoing intensive real-world testing with strategic OEM partners and other automotive players.

Amir Tirosh, StoreDot Chief Business Officer "Shipping the large form factor samples of our advanced "100in5" battery technology to over a dozen of strategic partners and potential OEM customers across the globe is a truly historic moment for StoreDot. It is the culmination of ten years of intense research and development and demonstrates our strong determination to push the known boundaries of battery technology to accelerate mass EV adoption and eliminate range and charging anxiety."

StoreDot has already proven the effectiveness of its extreme fast charging - XFC - battery in public during a highly attended live demonstration in Oslo in June, at The International Electric Vehicle Symposium (EVS), one of the key conferences for the EV industry. StoreDot is currently working on mass production readiness of

its "100in5" cells with its long-standing manufacturing partner, EVE Energy in China, in parallel to expanding its global manufacturing footprint in other geographies.

StoreDot is the pioneer and leader of extreme fast charging (XFC) electric vehicle batteries that overcome the critical barriers to mainstream EV adoption - range and charging anxiety. The company has revolutionized the conventional Li-ion battery by designing and synthesizing proprietary organic and inorganic compounds, optimized by Artificial Intelligence algorithms, making it possible to charge an EV in under ten minutes - the same experience as refueling a conventional combustion engine car.

Through its '100inX' product roadmap, StoreDot's battery technology is delivering "Range on DemandTM": 100 miles charged in 5 minutes in 2024, 100 miles charged in 3 minutes by 2028, and extreme energy density solution enabling 100 miles to be charged in 2 minutes by 2032. StoreDot's strategic investors and partners include Daimler, BP, VinFast, Volvo, Polestar, Ola Electric, Samsung, TDK and its manufacturing partner EVE Energy. In 2022, the company achieved a world first by demonstrating a live extreme fast charging of an EV battery cell in 10 minutes. StoreDot is on target for mass production readiness of 100in5 technology by 2024.

An Israeli automotive startup was busy completing its first major contract with car giant Volvo when its team was caught up in the October 7 attack by the Hamas terror group, which killed 1,200 people in southern Israel.

Carrar has developed a new way of automatically cooling electric vehicle (EV) batteries, by more effectively dissipating the heat generated when being used or charged, or just idling in a hot parking lot. This prevents damage to the batteries that in some extreme circumstances could even cause the car to catch fire.

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