

Titan Advanced Energy Solutions (“Titan”) Company Background

The future is battery powered. Titan’s ultrasound-based technology unlocks the information inside batteries to realize better performance, longevity and safety and ultimately to ensure that the trillions of batteries dumped in landfills today will join the circular economy tomorrow to be repurposed, reused or recycled.

Titan was founded in 2016 by two hardened technology entrepreneurs, Shawn Murphy and Sean O’Day, who examined current battery diagnostics and management technology and asked, “Isn’t there a better way?”

Titan is a growing, well-funded company with over 40 scientists, engineers, technicians and product developers, inspired by the mission to see inside any lithium-ion battery to provide intelligence on its health, capacity and state of charge.

Titan’s battery management systems are designed to actively manage lithium-ion batteries in a broad range of applications from battery factories, electric vehicles, laptops, phones and energy storage systems to battery recycling.

Titan’s battery diagnostics technology determines whether a battery is ready for a second life—or a trip to the recycling facility, all in a matter of seconds and at a cost that is orders of magnitude more economical than legacy offerings.

Today, Titan’s solutions are being co-developed, tested and used by global auto manufacturers, multinational energy storage integrators and consumer electronics manufacturers in the United States and Europe.

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