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New Ghost Badger tactical EV advances power, stealth, speed for military and law enforcement users

NASA tech enhances battery safety, performance

VIRGINIA BEACH, VA (November 29, 2025) — StewTech Inc. announces the launch of its Ghost Badger compact tactical electric vehicle, engineered to provide military users and law enforcement officers greater tactical advantage and multi-mission versatility at a lower lifetime cost.

NASA tech offers peerless battery performance, safety

Licensed from NASA, the Ghost Badger's battery management innovation enables active cell balancing, bad cell detection and the ability to isolate bad cells, mitigating the chance of thermal runaway.

Uniquely, the system enables flexible energy sharing across multiple units, allowing streamlined charging setups that reduce the need for extra cables. It can also interface with multiple units to deliver power when and where it's needed, functioning as a mobile energy source and versatile storage solution for both transportation and equipment.

Battery yields low heat signature, boosted power, quiet use

The powerful battery provides the negligible heat signature required by Special Operations for low probability of detection during covert missions. It also enables speeds of up to 113 KMH (70 MPH), contributing to quicker infil and exfil.

The vehicle's battery-powered engine operates at just 48 dB(A) during acceleration, allowing users to move nearly silently during ISR and other operations.

AI-enhanced stability and instant torque conquer difficult terrains

The Ghost Badger's deep engineering taps AI to provide advanced stability and instant torque, allowing users to maneuver confidently in hilly and uneven terrains.

Compact design, modest curb weight allow easy transport to DZ

Just 150 cm x 65 cm x 40 cm (59" x 26" x 16") when folded and 150 cm x 130 cm x 40 cm (59" x 51" x 16") when unfolded, the Ghost Badger's compact design

and 43 kg (95 lb.) weight make it easier to transport, conceal and retrieve than other micro-mobility options. The vehicle is airdrop capable.

Quick-swap payload rails enable use for cargo, CASEVAC

Modular payload rails let users rapidly transform the Ghost Badger from being a personal transport vehicle to a carrier for cargo such as compact drones, light anti-armor weapons, additional energy storage systems, and communications equipment.

Operators can use a different payload rail for quick casualty evacuation (CASEVAC).

Fleet managers enjoy lower maintenance and lifetime costs

Because the Ghost Badger has fewer moving parts and a lower fuel burden and requires only simple field maintenance, it offers a lower lifetime cost and greater sustainability than legacy options.

Made in the USA

The Ghost Badger CTEV-02 compact tactical electric vehicle is proudly made in the USA and carefully engineered to meet military standards.

"We engineered the Ghost Badger with the mission success and safety of our military members and law enforcement officers at its core," said founder and CEO Johnnie Stewart IV. "They give us their best, and they deserve our best."

Get a first look at the Ghost Badger in the New Product Center and at Booth 44051 and enjoy 10% off sales during SHOT Show.

About StewTech, Inc.

Founded in 2021, StewTech brings advanced engineering to mission-critical transport, including the Ghost Badger, the most compact tactical electric vehicle. It also designs and manufactures unmanned surface vehicles for maritime missions and fast personal electric sport vehicles for thrill-seekers.

Learn more at stewtechinc.com.