

## TUAL Secures £1.5m to Deliver Scalable, Battery-buffered Charging for Grid-constrained, Critical-response EV Fleets

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**TUAL**, the pioneering developer of ultra-deployable charging solutions for commercial electric vehicles, has announced it has raised £1.5 million in new funding, led by one of Europe's foremost 'physical tech' investment funds PT1 - accelerating TUAL's mission to deploy high-power charging for those mission-critical fleets who have the most to lose when charging fails.

The round also includes participation from Ascension Ventures, the UK-based early-stage fund, and P3A, the German investment firm specialising in energy, utilities, real estate and infrastructure technology. The investment reflects deep confidence from Europe's leading infra-tech specialists in the company's capability to scale a new category of charging infrastructure across the continent.

Philip Clarke, Founder and CEO at TUAL, said: "Europe's infrastructure-tech investors recognise the scale of the challenge ahead. They understand energy, the role of batteries, heavy industry, and the complex financing required to build the next generation of infrastructure. Their backing is a strong validation of both our technology and our operating model - and their networks will allow us to scale significantly faster across Europe."

Philip continued: "This funding allows us to accelerate production of the PowerUp system and build out field operations ahead of our European launch. It's great to have such committed endorsement, and we'd like to thank PT1, Ascension and P3A for their trust, expertise and shared commitment to building the charging infrastructure that commercial electrification urgently requires."

PT1 brings an extensive track record in next-generation battery systems, real estate technology and the wider energy transition, with investments including Voltfang and Terra One. Their involvement signals strong conviction in TUAL's ability to deliver a scalable, infrastructure-led model for dependable commercial EV charging.

Ascension and P3A add further depth to TUAL's new investor portfolio, bringing domain expertise across sustainability, industrial electrification and the financing of complex infrastructure assets.

Together, these investors represent a cohort of European infra-tech specialists who understand the crucial role that battery-integrated charging will play in enabling fleets, ports and industrial operators to electrify at scale. They also bring extensive networks of commercial customers across Europe, giving TUAL accelerated access to high-value deployment opportunities.

The investment will enable TUAL to accelerate development and move into full-scale production of its production-spec PowerUp battery-buffered DC charging system. The ruggedised, ultra-deployable infrastructure is designed for intensive-use and critical-response fleets – from emergency services and utilities fleets, to eHGVs, ports, and major logistics operators.

TUAL's new funding will also support the expansion and proving of field operations across the UK ahead of a wider European launch, providing the business with direct access to extensive commercial customer networks across Europe, significantly accelerating deployment opportunities in key markets.

#### Funding the crucial transition from pilot programme to resilient, scalable electrification

As Europe's ICE phase-out framework is undergoing recalibration, the long-term direction of fleet electrification remains unchanged. For commercial operators, the priority is maintaining momentum through a period of policy and infrastructure transition, supported by charging solutions that enable progress today rather than years from now.

This challenge is most acute for intensive-use and critical-response fleets – including emergency services, utilities and network operators – where operational resilience is non-negotiable. These fleets represent a critical remaining electrification opportunity, yet are disproportionately affected by grid constraints and long reinforcement timelines – limiting the viability of conventional charging infrastructure.

As regulatory timelines evolve and security of power supply comes into increasingly sharp focus, investment needs to increasingly be focused on infrastructure that reduces dependency on grid upgrades, shortens deployment times and delivers predictable performance in real-world conditions. Battery-integrated, rapidly deployable charging systems enable fleets to move beyond pilots and into scalable electrification, addressing immediate operational needs while longer-term grid upgrades progress in parallel.

Investment in technologies such as TUAL's PowerUp system unlock the crucial means to deliver this shift. By addressing the power gap faced by the most demanding fleet applications, such infrastructure supports continued electrification momentum at a critical point in the transition, enabling essential services and commercial operators to electrify with confidence and continuity.

The innovator's deployable, battery-integrated charging solutions address the chronic shortage of grid capacity, which represents one of the most acute challenges facing fleets and commercial landlords today.



With 50-80% of electrification-required sites being grid-constrained, and automotive retailers facing grid-upgrade waiting times of up to 15 years, TUAL's PowerUp Charger provides a rapid, zero-civils, high-performance alternative - delivering up to 200kW from a standard 11kW grid connection.