

BorgWarner liefert Batteriesysteme für das autonom fahrende Shuttle von HOLON

- *Erstes autonomes Fahrzeug mit Batterietechnologie von BorgWarner*
- *BorgWarner erhält den ersten Auftrag von HOLON, einem Unternehmen der BENTELER-Gruppe*
- *Batteriesystem bietet neueste Zellchemie und branchenführende Energiedichte*

Auburn Hills, Michigan, 30. Oktober 2025 – BorgWarner hat einen Auftrag zur Lieferung seines Batteriesystems für den neuen HOLON urban erhalten – ein vollelektrisches Shuttle das autonomes Level 4-Fahren für bis zu 15 Personen ermöglicht. Für BorgWarner ist es der erste Auftrag für die Lieferung von Batteriesystemen für autonome Fahrzeuge, die in Nordamerika gefertigt werden.

BorgWarner liefert für den HOLON urban Lithium-Nickel-Mangan-Kobalt-Oxid (NMC) 5AKM 157 Batteriesysteme mit zylindrischen Zellen (CYC). Jedes Fahrzeug verfügt über zwei Batteriepacks, die jeweils mit einem integrierten, austauschbaren Kontaktorgehäuse und einem Multi-Pack-Controller ausgestattet sind. Die 57-kWh-Batteriepacks basieren auf einem modularen Design zylindrischer NMC-Zellen mit neuester Zellchemie und branchenführender Energiedichte. Darüber hinaus verfügt das NMC-Batteriesystem von BorgWarner über ein robustes Edelstahlgehäuse und ein kompaktes, aktives Flüssigkeitskühlsystem.

“BorgWarner verfügt über umfassende Expertise mit intelligenten und integrierten Batteriemanagementsystemen und es zeichnet sich durch hohe Energiedichte, Skalierbarkeit sowie umfassende Sicherheitszertifizierungen aus – alles wesentliche Faktoren für diese innovative Anwendung“, sagt Henk Vanthournout, Vice President of BorgWarner Inc. und President und General Manager, Battery and Charging Systems. “Die Zusammenarbeit mit einem Innovator wie HOLON passt perfekt zu unserem Team. Sie verfolgen das Ziel, sichere, nachhaltige und inklusive Transportlösungen anzubieten. Das steht im Einklang mit unserer Nachhaltigkeitsstrategie und unserer Vision einer sauberen, energieeffizienten Welt.“

BorgWarner Inc. (BorgWarner liefert Batteriesysteme für das autonom fahrende Shuttle von HOLON_DE) – 2

BorgWarner nutzte sein Design Know-how, um ein Batteriepack zu entwickeln, das den Bauraum- und Leistungsanforderungen des HOLON urban entspricht. Das Batteriepack ist mit aktueller Software und erprobten Multi-Pack-Controllern ausgestattet und erfüllt die Anforderungen an Cybersicherheit und funktionaler Sicherheit.

Flavio Friesen, VP Engineering at HOLON bestätigt: “BorgWarner ist die ideale Wahl für HOLON: Ihre Batterieplattform kombiniert branchenführende Energiedichte mit robuster Sicherheit, Cybersicherheit und Wartungsfreundlichkeit. Das modulare, flüssigkeitsgekühlte System ist optimal auf die Anforderungen unseres Shuttles bezüglich Bauraum und Betriebszeit abgestimmt. Es erfüllt somit sowohl die Voraussetzungen für unseren Rollout in Nordamerika als auch die Anforderungen in Europa und dem Nahen Osten.“

Das Batteriesystem von BorgWarner entspricht den Buy-America-Vorgaben sowie den Anforderungen der Foreign Entity of Concern (FEOC)-Regelung und unterstützt so das Projekt von HOLON zusätzlich. Die Produktion soll im zweiten Quartal 2027 in Seneca, South Carolina, starten.

Über BorgWarner

BorgWarner bringt als globaler Produktführer seit mehr als 130 Jahren erfolgreich Mobilitätsinnovationen auf den Markt. Mit unserem Fokus auf Nachhaltigkeit tragen wir dazu bei, eine saubere, gesunde und sichere Zukunft zu schaffen.



BorgWarner liefert das Batteriesystem für das neue, autonome HOLON-Shuttle mit Platz für bis zu 15 Personen

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