

Top-of-the-Class Energy Density: Microvast introduces HnCO-52Ah cell with leading-edge energy density and long cycle life

- Market-leading cell energy density of 265 Wh/kg combined with a desirable cycle life
- Ideal solution for light- and medium-duty commercial vehicles

Frankfurt, December 17th, 2020. Microvast GmbH, subsidiary of Microvast, Inc., a global Li-ion battery technology leader, now presents a new battery cell HnCO-52Ah to the European market, which offers top-of-the-class energy density and at the same time an outstanding cycle life.

This cell will be ready for the European market in the first quarter of 2021. The HnCO-52Ah cell can be then integrated in the standard VDA module, which will be produced in Microvast European Central Plant located in Ludwigsfelde (the metropolitan area of Berlin), Germany.

Market-leading HnCO-52Ah cell with top-notch performance parameters

In the commercial vehicle segment, for instance, the average cell energy density available on the market is around 240 Wh/kg. The new cell stands out from its peers through its outstanding energy density of 265 Wh/kg. In addition, the fast-charging feature of HnCO-52Ah cell enables the cell to be charged up to 80% within 30 minutes.

The HnCO-52Ah cell is designed to offer 2,500 full cycles, and thus presents an attractive proposition to OEMs in light and medium duty commercial vehicle segments by reaching an optimal TCO over the life span of the vehicles. Enhanced safety features are integrated at cell, module and pack level to ensure a desirable and consistent performance of this next-generation battery solution.

Product	HnCO-52Ah
Energy Density	265 Wh/kg
Pouch Cell	52 Ah NMC
Cycle Life	≥ 2,500
Charging Time	Fast-charging: 30 minutes up to 80% SOC
Operation Temperature Range	-20°C – 55°C

Press release

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HnCO-52 Cell

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