Innolith energy battery Kuwait

Is innolith bringing a Li-ion battery to market?
The Swiss battery manufacturer Innolith is ready to bring its Li-Ion battery platform I-State to market. Using a new battery chemistry,the manufacturer says it will cut costs and increase range on EVs. Swiss battery cell developer Innolith announced plans to commercialise its I-State platform for use in electric vehicles.

What is innolith battery cell technology?
The Innolith battery cell technology is based on the proprietary liquid inorganic electrolytethat can operate at up to 5 volts without degradation,unlike the Li-ion batteries in use today that are limited to 4.2 volts. This gives the batteries higher gravimetric energy density of 300 Wh/kg and volumetric energy density of 825 Wh/L.

What is innolith e-mobility battery technology?
Innolith runs one of the world's leading battery cell research programs at its R&D Center in Bruchsal, Germany, where it is pioneering a next generation e-mobility battery technology based on a proprietary electrolyte that delivers cells with lower cost, high energy density along with higher safety and temperature performance.

What makes innolith a good battery?
As reported in 2019,Innolith relies on a non-flammable inorganic electrolytefor its cells. According to the new announcement,this enables higher voltages (up to 5 volts) than conventional Li-ion battery cells (maximum 4.2 volts) and an improved temperature range of -40 °C to +60 °C.

Is innolith a sustainable battery?
The I-State battery uses 20% fewer rare-earth metals per kilowatt-hour than traditional lithium-ion batteries. The battery is also made with 100% locally produced electrolyte,and the electrolyte is recyclable,collectively making the battery more sustainable. Innolith is headquartered in Basel,Switzerland. It was started over 20 years ago by

Does innolith have a high power cell?
In addition to a high energy cell,Innolith has recently developed a high power cellon the same I-State platform. Development of the high-power cell that still retains exceptional energy density was possible due to the high conductivity of the I-State electrolyte (up to four times that of conventional Li-ion electrolyte).

We believe in the universal electric mobility, accessible to all, without the compromises of current conventional Li-ion batteries. It"s a break-through battery cell technology that actually performs--now and in the future. Does it last longer? Yes. Can it go further? Absolutely. Is it safe? Much safer than any conventional alternatives.

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The technology used in the I-State battery reduces those cons by lowering the carbon footprint of an EV battery while also cutting down manufacturing costs and increasing energy density. The battery is innovative ...

Innolith, a European developer of Li-ion battery cell technologies, announces the commercialisation of its I-State battery technology platform for use in electric vehicles (EVs) and e-mobility applications.

Innolith, a Basel-based company with a 60-strong R& D team in Bruchsal, near Frankfurt, formally launched on Wednesday with plans to commercialise an inorganic battery chemistry that is non ...

The technology used in the I-State battery reduces those cons by lowering the carbon footprint of an EV battery while also cutting down manufacturing costs and increasing energy density. The battery is innovative in that it uses an inorganic liquid electrolyte, which allows it to operate at higher voltages than lithium-ion batteries.

Innolith, a European developer of Li-ion battery cell technologies, has begun the commercialization of its I-State battery technology platform for use in electric vehicles (EVs) ...

The Innolith battery cell technology is based on the proprietary liquid inorganic electrolyte that can operate at up to 5 volts without degradation, unlike the Li-ion batteries in use today that are limited to 4.2 volts. This gives the batteries higher gravimetric energy density of 300 Wh/kg and volumetric energy density of 825 Wh/L.

A MIGHTY BATTERY TECHNOLOGY. Our current commercialisation focus is cylindrical format as the most common battery format, ready to be manufactured anywhere in the world. We have already produced full cell 21700 B-samples that are well accepted by variety of partners across multiple e-mobility industries.

Innolith, a European developer of Li-ion battery cell technologies, has begun the commercialization of its I-State battery technology platform for use in electric vehicles (EVs) and e-mobility applications. The company says that I-State will cut EV costs and increase vehicle range through a high energy density of 300 Wh/kg (NMC811/Graphite ...

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