



# Group1 battery Mayotte

What is Group1 battery technology?

Group1 is a battery technology and engineered material company. Potassium-ion batteries (KIB) are the domestic, credible alternative to LFP-based Lithium-ion batteries (LIB). But they are bottlenecked chiefly by the lack of high-quality, engineered cathode active material.

What is Group1's new lithium-ion battery?

Group1 unveiled its new Potassium-ion battery at the USA's annual 'Beyond Lithium-ion Conference', which seeks to explore the future of energy storage which goes beyond current conventional Li-ion batteries.

What does Group1 do?

Group1 aims to practically enable high-power and long-cycling Potassium-ion batteries that can meet society's future growth needs. Group1 is the world's 1st engineered materials company focused on Potassium-ion batteries. Continuing the lineage of innovation from Nobel laureate Prof. JB Goodenough.

Who founded Group1?

Group1 was co-founded in 2021 by battery tech veterans, including Leigang Xue who currently serves as Chief Product Officer but previously worked in the lab of 2019 Nobel Laureate and battery pioneer Dr. John Goodenough at University of Texas at Austin - who co-invented the Li-ion battery.

What is Group1 technology?

Developed in the legendary lab of 2019 Chemistry Nobel laureate Professor JB Goodenough (co-inventor of the LiB), Group1's game-changing technology is the most practical beyond-lithium solution.

Leveraging Kristonite(TM), Group1's flagship product, a uniquely engineered 4V cathode material in the Potassium Prussian White (KPW) class, this battery enables the best combination of...

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Group1 unveiled its new Potassium-ion battery at the USA's annual "Beyond Lithium-ion Conference", which seeks to explore the future of energy storage which goes beyond current conventional Li-ion batteries. As well as having the potential to be more sustainable, thanks to the lack of critical materials mentioned above, Group1 says that ...

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Group1 has recently announced the formal introduction of what it calls as the world's first Potassium-ion



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battery (KIB) in the cylindrical 18650 form factor. The battery technology offers a sustainable, efficient, and cost ...

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Group1 has unveiled the world's first Potassium-ion battery (KIB) in the 18650 cylindrical form factor, marking a significant advancement in battery technology. This ...

Texas-based startup Group1 has developed a more sustainable alternative, and has now launched the world's first 18650 potassium-ion battery. Group1 was co-founded in ...

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Texas-based startup Group1 has developed a more sustainable alternative, and has now launched the world's first 18650 potassium-ion battery. Group1 was co-founded in 2021 by battery tech...

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Group1 has developed the world's first potassium-ion battery (KIB) in the widely used cylindrical 18650 format. This new technology provides an alternative to traditional lithium-ion batteries and has the potential to address several energy storage challenges.

US-based battery technology developer Group1 has announced the launch of what it claims to be the world's first 18650 form factor potassium-ion battery. The company's technology is designed to provide a sustainable ...

Group1????????18650????????????,????????????????????????????????18650 ?????????????,????????????? ...

Group1 has recently announced the formal introduction of what it calls as the world's first Potassium-ion battery (KIB) in the cylindrical 18650 form factor. The battery ...

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