3 x 3 facts about cylindrical lithium-ion batteries - powerful, certified and flexibly connectable

Today we take a look at our lithium-ion batteries, which are installed in a solid steel housing compared to their lithium-polymer siblings. Find out more today about our high-performance, flexibly connectable lithium-ion batteries:

Cylindrical lithium-ion batteries from Jauch offer a combination of increased safety, application versatility and flexibility that makes them indispensable in many industries. Available in high-current and high-energy versions, they cover a wide range of applications. All new lithium round cells from Jauch have already been tested in accordance with UN38.3 and are IEC and UL certified.

Their high flexibility in serial and parallel connection, the wide voltage range from 3.6 V to over 48 V, the long service life and high cycle stability make Jauch's lithium-ion round cells a highly sought-after energy solution for engineers and developers.

3 Technical features:

- Safety features such as the Current Interrupting Device (CID) and predetermined breaking points protect against overheating and overcharging.
- Available in variants for different applications, including high-current cells for high power and high-energy cells for long runtimes. The wide temperature range enables use in different industries and environments.
- Available in different sizes to meet the specific requirements of a wide range of applications. The most common types are 18650 and 21700 cells, which offer a good balance between capacity and size. These two cells are available in the "Power Series" (P) and "Energy Series" (E) versions.

3 Typical areas of application:

- Medical technology
- Industrial applications
- Power tools, vacuum cleaners, garden tools, e-mobility applications

3 Special features:

- High flexibility in serial and parallel configuration for a wide range of applications; wide voltage range from 3.6 V to over 48 V, ideal for high-performance power packs
- Long service life due to high cycle stability with low capacity degradation
- Mechanical stability is guaranteed thanks to the metal housing

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