



The Italian physicist Alessandro Volta (1745 – 1827) is considered to be the inventor of the battery. On his birthday each year, February 18th, we celebrate International Battery Day. We would like to take advantage of this year's International Battery Day to present the first Jauch lithium batteries to you.

#### Jauch batteries with CR technology

Jauch Quartz has been involved in battery technology since 1974. Recently we added our own Jauch lithium-manganese dioxide batteries, types CR123 and CR2, to our range. With its potential of -3.05 V, lithium is an ideal negative electrode material for batteries. It results in high cell voltages and high capacities.



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### Key features of the Jauch batteries

- Long-term reliability
- Stable discharge characteristics
- Stable Operating Voltage of 3V
- Superior Leakage Resistance
- High energy density (3 to 10 times higher than other non-lithium batteries)
- -40°C to +70°C Operational Temperature Range
- Self-discharge rate: less than 1% per year at room temperature
- Long shelf life (90% capacity remaining after 10 years storage at 20°C)
- Extremely safe because of UL, UN38.3, CE and RoHS certification

The high-performance cylindrical CR123 and CR2 lithium batteries extend Jauch's battery product range to cover a diverse range of applications such as lock cylinders, mobile measuring instruments, toll-collection systems for commercial vehicles, security solutions, medical technology and many other fields.

Would you like to learn more about the new Jauch batteries? Simply give us a call or send us an e-mail.

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## Expertize for Battery System Solutions

(02-2018)

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