

V4SMART

German battery expertise since 1887

Combining in-house prototype capabilities with over 135 years of battery heritage, V4Smart delivers cutting-edge, high-performance cylindrical cell solutions for a broad range of applications – Designed, Developed, and Made in Germany.



Development of cylindrical Li-ion cells for high performance applications



Series production of cylindrical Li-ion cells in Europe/Germany



Automotive standard certified (IATF 16949)



Know-how in reliable & safest cell design



Designed, Developed, and Made in Germany

Ellwangen

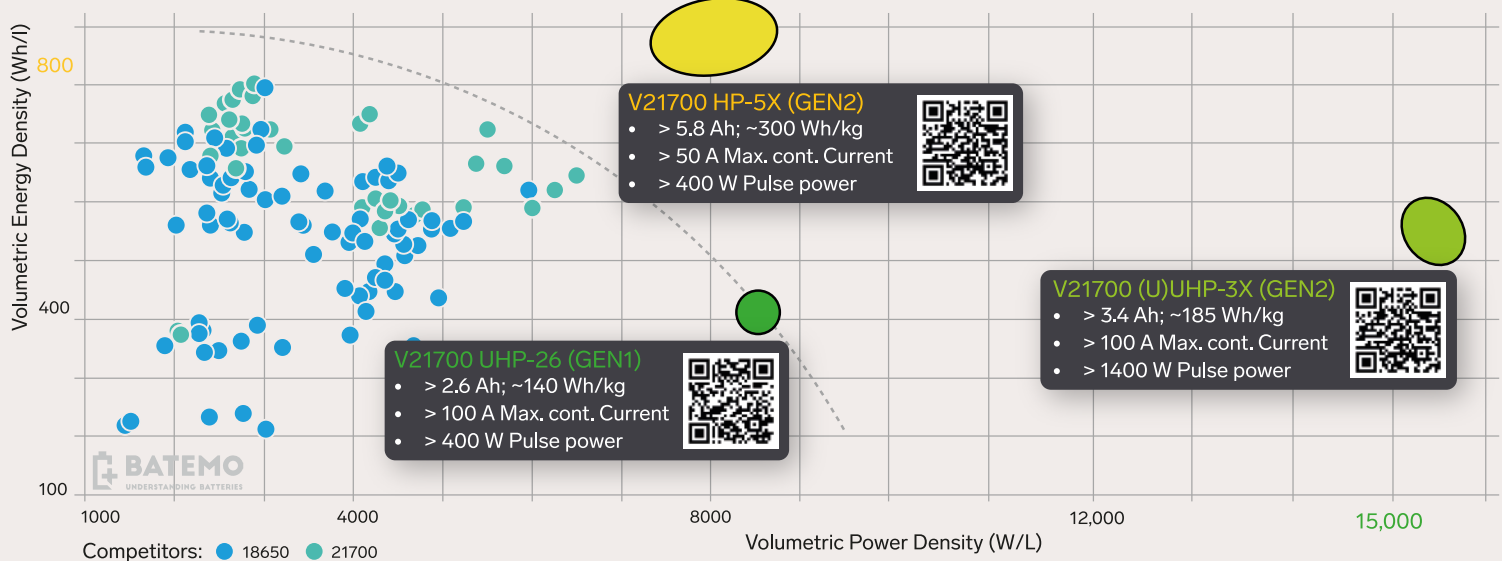
- R&D Center
- Prototype Shop
- Production line S10 (6 Mio. cells p.a.)

Nördlingen

- Headquarter
- Production line Nö (22 Mio. cells p.a.)

Performance of V4Smart Cells

TECHNOLOGY FRONT



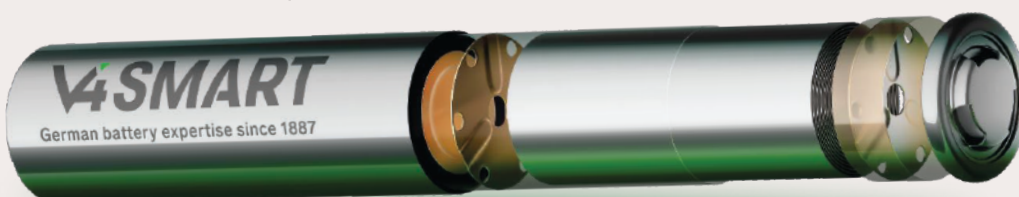
Key Facts of V4Smart Cells

Low internal resistance

High current capability up to 30C continuous

Best-in-class Energy-to-Power ratio

Tabless architecture



Designed,
Developed,
Made in Germany

Wide operating temperature from -50°C to 75°C*
(*valid for GEN2, Gen1 -20°C)

Resilient material supply chain >90% sourcing within EU by 2035

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