CoinPower A4 Generation

Expanding horizons of engineering.

We minimize to maximize your opportunities.

www.varta-ag.com/explore-a4
Welcome to the future.

Empowering your business.
The VARTA CoinPower A4 offers countless opportunities for future-engineering of wireless and mobile gear. The CoinPower A4 enables a wide range of applications covering a broad spectrum from wireless headsets, medical devices and automotive applications to measurement and safety systems.

Choose 130 years of experience and reliability.
VARTA is a leading, international manufacturer of microbatteries with more than 130 years of experience. We count some of world’s most important companies as our customers and produce batteries in many important electrochemical systems as well as in all major types and sizes. Through intensive research and development, VARTA sets global standards in the microbattery sector and is recognized innovation leader of the Lithium-Ion technology.

<table>
<thead>
<tr>
<th>Rechargeable Button Cells (Li-Ion) CoinPower</th>
<th>TYPE DESIGNATION</th>
<th>TYPE NO.</th>
<th>VOLTAGE (V)</th>
<th>CAPACITY (mAh)</th>
<th>DIAMETER (mm)</th>
<th>HEIGHT (mm)</th>
<th>WEIGHT (g)</th>
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<td><strong>Main types</strong></td>
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Further types on request
Markets
We are active in the markets of wearable technologies, medical and healthcare, Internet of Things, sensors for smart home and smart city, as well as industry 4.0.

Key Features – Benefits of A4-Generation
- Expanding horizons of engineering with highest energy densities
- 2D-Datamatrixcode (cell traceability)
- Wider voltage window: optimized electrodes, higher compression, new electrode balancing enhanced chemistry for high charge voltage
- Optimized cell design for more active material
- Increasing comfort by smaller designs and lighter products for end-users
- Charge for a moment, use for hours… ready-to-go in 15 minutes
- Top quality performance
- Cost savings on your assembly stage of the application production
- Standardized design process safes time and costs
- Best-in-class product life
- Robust high mechanical stability

Applications
- Bluetooth headset
- Smart key/Key fob
- Energy harvesting backup
- Fitness tracker
- Sensors (security, medical)
- Wireless networks
- Smart watch

Quality – Made in Germany
- Key innovations for wearables
- With capacities from 29 mAh to 155 mAh
- Low internal impedance
- High drain capability
- No memory effect
- Long life time
- Excellent charge and discharge characteristics
- 0% lead, 0% mercury and 0% cadmium
- Safe and reliable (UL recognition)
- Battery designs in various assemblies or direct contacting
- Produced on highly automized production lines
Contact

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in all major countries worldwide.
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