Lithium Rechargeable Customized Packs

VARTA is one of the major battery manufacturers in the world. The company maintains production facilities globally in order to supply more than 100 countries with high-quality products. Cell production on high-automated level in Germany and battery pack assemblies in Indonesia and China are the perfect combination.

VARTA does have long term battery expertise in technology, service and system supply.

We have Design & Application center in Europe, Asia and USA with competences in up-to-date and innovative pack designs and manufacturing processes.

Our technical know how and expertise in all major applications is the basis to provide professional one-stop solutions.

We are using high quality and latest technology to provide solutions with best cost-performance ratio.

Our world wide sales network can support the needs of major international as well as local customers.

Product Portfolio

Primary Batteries

- VARTA CardPower
- Zn-Air Cells
- Lithium Cylindrical Cells
- Silver Oxide Button Cells
- Lithium Batteries
- Marine Batteries

Rechargeable Batteries

- VARTA PoliFlex
- Minit-Batteries

Contact

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VARTA Microbattery GmbH, Daimlerstraße 1, 73479 Ellwangen, Germany
Tel (+49) 79 61 921 - 0 Fax (+49) 79 61 921 - 553

America
VARTA Microbattery, Inc., 1311 Mamaroneck Avenue, Suite 120, White Plains, NY 10605, United States of America
Tel (+1) 914 - 592 25 00 Fax (+1) 914 - 345 04 88

Asia Pacific
VARTA Microbattery Pte. Ltd., 300 Tampines Avenue 5, #05-01 Tampines Junction, Singapore 529635
Tel (+65) 6 260 58 01 Fax (+65) 6 260 58 12

www.varta-microbattery.com Product Family
VARTA Microbattery combines entrepreneurial substance, strategic vision and technological competency for constantly improved products, application oriented designs and innovative product development.

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The new rechargeable Battery Generation: VARTA PoLiFlex®

VARTA Microbattery GmbH is a leading supplier of batteries in the OEM and replacement market and provides professional support for their customers with engineered design-in applications worldwide.

The latest Lithium Polymer Battery technology is another proof for the innovation power and battery competence of VARTA Microbattery GmbH.

VARTA PoLiFlex® is a super-slim Lithium Polymer rechargeable battery featuring the use of proprietary nano polymer materials. This product is distinguished by its high energy density thereby extending energy density longevity as well as its size and flexibility.

VARTA PoLiFlex® Batteries are especially suitable for modern electronic applications like mobile phones, PDAs, MP3 players and many more.

These super-slim batteries are the ultimate power source for your electronic devices and make your products smaller, lighter and more attractive.

VARTA PoLiFlex® – outstanding performance and reliable top quality along with great form flexibility.

VARTA PoLiFlex® – go for the new generation.

Design-in with the latest Generation of Battery Technology – Standard Packs

VARTA PoLiFlex® – innovative Lithium Polymer technology (VARTA PoLiFlex®) in standardized sizes

- High power: @ 3.7 V from 450 mAh to 2400 mAh
- Robust: housing made of PolyCarbonate
- Reliable: gold plated contacts
- Clear indication; no boiling; no approval
- Flexible: slide in and stay there with contacting anywhere
- Environmentally friendly
- Intelligent: 3D sensor and temperature sensor included
- Approved: product and transportation safety
- USB and Li-Ion adapter models, fully charged and ready to go
- Evaluation Kit for testing available
- UL recognized

<table>
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<tr>
<th>Type Designation</th>
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The following re-chargeable batteries are also available:
- VARTA PoliFlex® – outstanding performance and reliable top quality along with great form flexibility
- VARTA Microbattery GmbH is a leading supplier of batteries in the OEM and replacement market and provides professional support for their customers with engineered design-in applications worldwide.
- The latest Lithium Polymer Battery technology is another proof for the innovation power and battery competence of VARTA Microbattery GmbH.
- VARTA PoLiFlex® is a super-slim Lithium Polymer rechargeable battery featuring the use of proprietary nano polymer materials. This product is distinguished by its high energy density thereby extending energy density longevity as well as its size and flexibility.
- VARTA PoLiFlex® Batteries are especially suitable for modern electronic applications like mobile phones, PDAs, MP3 players and many more.
- These super-slim batteries are the ultimate power source for your electronic devices and make your products smaller, lighter and more attractive.
- VARTA PoLiFlex® – outstanding performance and reliable top quality along with great form flexibility.
- VARTA PoLiFlex® – go for the new generation.

Key Features – Benefits

- High energy density
- Slim design
- Light weight
- Good load performance
- Non-leakage
- Safety proven
- Environmentally friendly
- Design and process flexibility
- Flexible form-factor: seamless integration
- UL listed

VARTA PoliFlex® combines entrepreneurial substance, strategic visions and technological competency for constantly improved products, application oriented designs and innovative product development.

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The new rechargeable Battery Generation: VARTA PoLiFlex®

VARTA Microbattery GmbH is a leading supplier of batteries in the OEM and replacement market and provides professional support for their customers with engineered design-in applications worldwide. The latest Lithium Polymer Battery technology is another proof for the innovation power and battery competence of VARTA Microbattery GmbH. VARTA PoLiFlex® is a super-slim Lithium Polymer rechargeable battery based on the use of proprietary nano polymer materials. This new battery technology offers superior energy density, along with extraordinary long life as well as its size and flexibility. VARTA PoLiFlex® Batteries are especially suitable for modern electronic applications like mobile phones, PDAs, MP3 players and many more.

These super-slim batteries are the ultimate power source for your electronic devices and make your products smaller, lighter and more attractive. VARTA PoLiFlex® – outstanding performance and reliable top quality along with great form flexibility. VARTA PoLiFlex® – go for the new generation.

Key Features – Benefits

- High energy density
- Slim design
- Light weight
- Good load performance
- No leakage
- Safety proven
- Environmentally friendly
- Design and process flexibility
- Flexible form-factor: seamless integration
- UL listed

VARTA PoLiFlex® – outstanding performance and reliable top quality along with great form flexibility. VARTA PoLiFlex® – go for the new generation.

Design-in with the latest Generation of Battery Technology – Standard Packs

VARTA EZPack – innovative Lithium Polymer technology (VARTA PoLiFlex®) in standardized sizes

- High power: @ 3.7V from 610 mAh to 2640 mAh
- Robust: housing made of PolyCarbonate
- Reliable: gold plated contacts
- Clean finish: no tooling; no approval
- Flexible: slide in and stay there with contacting anywhere
- Environmentally friendly
- Intelligent: ID resistor and temperature sensor included
- Approved: product and transportation safety
- Standard Li-Ion chargers available
- Evaluation Kit for testing available
- UL recognized

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VARTA PoLiFlex® – go for the new generation.

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Key Features – Benefits

- High energy density
- Slim design
- Light weight
- Good load performance
- No leakage
- Safety proven
- Environmentally friendly
- Design and process flexibility
- Flexible form-factor: seamless integration
- UL listed

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Design-in with the latest Generation of Battery Technology – Standard Packs

- High-power @ 3.7 V from 66210 mAh to 2640 mAh
- Robust: housing made of PolyCarbonate
- Reliable: gold plated contacts
- Clear and easy, no tooling, no approval
- Flexible: stable in and stays there with contacting anywhere
- Environmentally friendly
- Intelligent: 3D resistor and temperature sensor included
- Approved: product and transportation safety
- CE marked: CE mark included
- Evaluation Kit for testing available
- UL recognized

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    - Lithium Cylindrical Cells
    - Lithium Button Cells
  - Silver Oxide Batteries
    - Alkaline Batteries
- **Rechargeable Batteries**
  - VARTA PoliFlex®
    - Lithium Button Cells
    - Cylindrical & Prismatic Li-ion & Ni-MH Cells
- **Rechargeable Lithium Batteries**
  - VARTA PoliFlex
    - Zn-Air Cells
  - Cylindrical & Prismatic Li-ion & Ni-MH Cells

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www.varta-microbattery.com Product Family
Lithium Rechargeable Customized Packs

VARTA is one of the major battery manufacturers in the world. The company maintains production facilities globally in order to supply more than 100 countries with high-quality products. Cell production on high-automated level in Germany and battery pack assemblies in Indonesia and China are the perfect combination.

VARTA has long-term battery expertise in technology, service and system supply. We do have Design & Application center in Europe, Asia and USA with competencies in up-to-date and innovative pack designs and manufacturing processes.

Our technical know-how and expertise in all major applications is the basis to provide professional one-stop solutions.

We are using high-quality and latest technology to provide solutions with best cost/performanace ratios.

Our worldwide sales network can support the needs of major international as well as local customers.

Product Portfolio

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