



Rechargeable Lithium Batteries

VARTA Microbattery combines entrepreneurial substance, strategic visions and technological competency for constantly improved products, application oriented designs and innovative product development. For more information please visit our internet page www.varta-microbattery.com.

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.

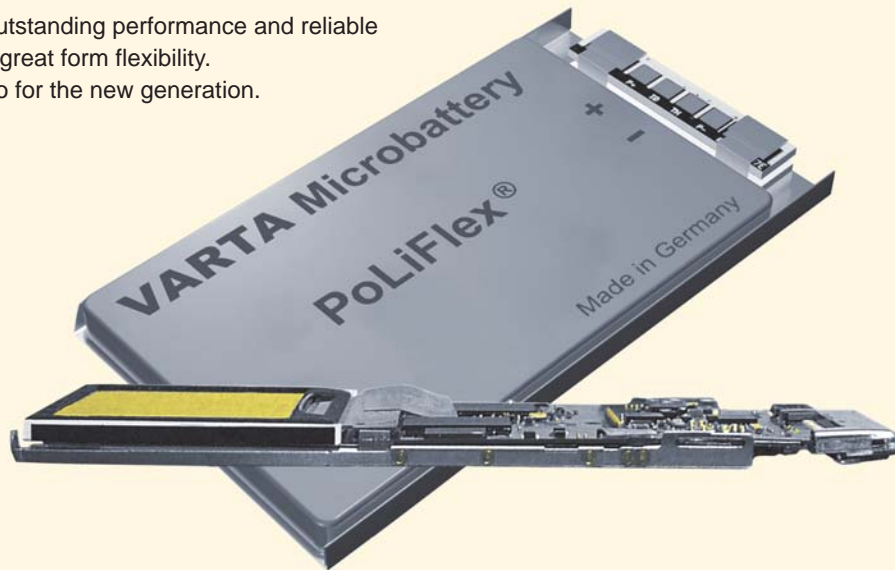
VARTA PoLiFlex® is a super-slim Lithium Polymer rechargeable battery features the use of proprietary nano polymer materials. This product is distinguished by its high energy density, extremely long life as well as its size and flexibility.

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

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

- 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

Type Designation	Type No.	Capacity (mAh)	Height (mm)	Length (mm)	Width (mm)	Weight (g)
VARTA rechargeable Lithium-Polymer, VARTA PoLiFlex® Series, 3.7 V						
PLF 223452 D	66210	360	2.3	52.2	34.0	8.0
PLF 263441 D	66523	370	2.8	41.2	34.0	8.0
PLF 323450 D	66221	590	3.4	49.4	34.0	10.0
PLF 443441 D	66594	660	4.6	41.2	33.8	12.5
PLF 383562 D	66355	980	4.0	61.4	35.0	17.0
PLF 523450 D	66281	1000	5.4	49.4	34.0	16.0
PLF 463759 D	66641	1170	4.8	58.7	37.0	21.0
PLF 423566 C	66454	1060	4.4	66.2	35.0	22.0
PLF 503759 D	66663	1300	5.2	58.7	37.0	22.5
PLF 503562 D	66383	1320	5.2	62.2	35.0	24.0



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
- Cost-effective: 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
- Charging: ready to go standard Li-Ion chargers available
- Evaluation Kit for testing available
- UL recognized

Type Designation	VKB No.	Capacity (mAh)	Height (mm)	Length (mm)	Width (mm)	Weight (g)
VARTA rechargeable Lithium-Polymer, VARTA PoLiFlex®						
EZPack S-3.7V	66590 711 099	610	6.0	43.7	35.6	14.0
EZPack M-3.7V	66352 711 099	880	5.4	64.7	36.8	20.0
EZPack L-3.7V	66380 711 099	1110	6.6	64.7	36.8	25.0
EZPack L-3.7V	66382 711 099	1320	6.6	64.7	36.8	25.0
EZPack XL-3.7V	66382 712 099	2640	11.6	64.7	36.8	46.5



Single cell or assembled power pack – VARTA Rechargeable Lithium Batteries for every application!

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 do have Design & Application center in Europe, Asia and USA with competence 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 (Li-Polymer)		Zinc Air Cells
	Lithium Cylindrical Cells		Silver Oxide Button Cells
	Lithium Button Cells		Alkaline Batteries
Rechargeable Batteries			
	VARTA PoLiFlex® (Li-Polymer)		Cylindrical & Prismatic Li-Ion & Ni-MH Cells
	Ni-MH Button Cells (V...H / HR / HT / HRT)		

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