

**BATTERIES LINECARD &
CUSTOMIZED SOLUTIONS**



ENERGY SYNERGIES

YOUR COMPETENT PARTNER FOR HIGH-QUALITY BATTERY SOLUTIONS



Dr. Christiane Endrich and Thomas Jauch are looking forward to the cooperation of their two family companies.

With Jauch, as a special distributor, we have a competent partner for batteries on our side. Jauch has over 10 years of experience in the design-in of high-quality and customer-specific battery solutions and complements our product portfolio with its know-how. Jauch's product range includes lithium ion, lithium polymer, lithium iron phosphate, NiMH, thionyl chloride, alkalis and mobile lithium batteries for energy storage.

Jauch is not only a classic battery manufacturer, but also a knowledge mediator. Through its Academy, customers can attend workshops and seminars to learn about battery technologies, certifications, transport and storage of batteries.

"The cooperation with Jauch opens up completely new opportunities for us in the product segment of battery systems and is an important addition to our portfolio," explains Dr. Christiane Endrich.

Along with our battery design-in partner, you can consult us on demanding new design developments leveraging our extensive field-experiences. We not only support you on special regulations for battery transport and storage, but can also help you to certify your products according to IEC62 133, UL1642 and UN38.3.

An example of our support to innovative product developments: a mobile infusion pump in the field of medical technology, which we

have been able to support with our battery solution with a 80% lighter weight and three times longer service life. Other example with a portable measuring equipment, we were able to achieve a five times longer service in the field with our lithium ion battery.

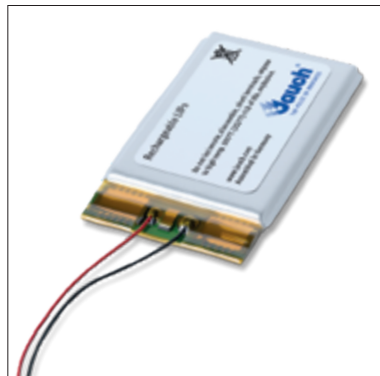
Regardless of which product development you are aiming at, with Endrich and Jauch you have a competent partner at your side.

CUSTOMIZED SOLUTIONS

ON-PURPOSE DESIGNED BATTERIES



Lithium ion batteries



Lithium polymer batteries



Lithium ion batteries



NiMH batteries



Cylindrical lithium batteries



XT Powerbanks

Customized design of battery systems include following studies:

- Extreme temperature operating
- Demanding shapes and compacity
- Specific power profiles
- Complete battery pack with PCM or BMS
- Integration in enclosure with thermal studies

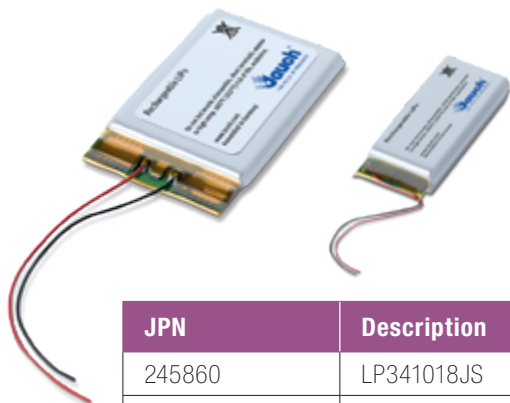
For specific requests or more information, please contact:

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Senior Product Manager

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STANDARD LITHIUM POLYMER



JPN	Description	Voltage	Min. Capacity	Dimensions*
245860	LP341018JS	3.7 V	33 mAh	3.5 x 10.5 x 19.5 mm
246481	LP501218JH	3.7 V	60 mAh	5.0 x 12.5 x 20.0 mm
246483	LP402025JU	3.7 V	140 mAh	4.0 x 22.0 x 27.0 mm
246482	LP501233JS	3.7 V	170 mAh	5.5 x 13.3 x 34.5 mm
237924	LP851719JU	3.7 V	180 mAh	8.5 x 18.0 x 22.0 mm
246484	LP502030JH	3.7 V	250 mAh	5.0 x 21.0 x 32.0 mm
246498	LP422339JU	3.7 V	330 mAh	4.4 x 23.0 x 40.0 mm
246501	LP561836JU	3.7 V	350 mAh	5.6 x 18.5 x 38.5 mm
246497	LP402535JU	3.7 V	370 mAh	4.0 x 25.0 x 37.0 mm
246502	LP333437JU	3.7 V	410 mAh	3.5 x 34.0 x 39.0 mm
246503	LP502243JU	3.7 V	430 mAh	5.2 x 22.5 x 45.5 mm
246505	LP802036JU	3.7 V	480 mAh	8.0 x 20.5 x 38.0 mm
246507	LP463042JU	3.7 V	580 mAh	4.7 x 30.5 x 44.0 mm
246508	LP503040JH	3.7 V	600 mAh	5.0 x 30.5 x 42.0 mm
246509	LP443441JU	3.7 V	630 mAh	4.4 x 35.0 x 43.0 mm
246510	LP102530JU	3.7 V	680 mAh	10.0 x 26.0 x 32.0 mm
246511	LP603048JK	3.7 V	820 mAh	6.4 x 31.0 x 51.0 mm
246512	LP603443JU	3.7 V	850 mAh	6.0 x 34.5 x 45.0 mm
246513	LP523450JU	3.7 V	950 mAh	5.4 x 34.8 x 52.5 mm
246516	LP633750JS	3.7 V	1200 mAh	6.5 x 38.0 x 52.5 mm
246897	LP503562JB	3.7 V	1250 mAh	5.4 x 36.0 x 63.5 mm
246517	LP503759JU	3.7 V	1300 mAh	5.4 x 38.0 x 62.0 mm
246518	LP103048JU	3.7 V	1430 mAh	10.0 x 30.5 x 50.0 mm
246519	LP605060JU	3.7 V	1850 mAh	6.0 x 51.0 x 63.0 mm
246520	LP103450JH	3.7 V	1900 mAh	10.0 x 34.5 x 52.0 mm
246521	LP504783JU	3.7 V	2050 mAh	5.2 x 47.5 x 84.5 mm
246522	LP675365JU	3.7 V	2800 mAh	6.9 x 54.0 x 68.0 mm
246523	LP705176JS	3.7 V	3000 mAh	7.2 x 51.8 x 78.0 mm
246524	LP735977JH	3.7 V	4800 mAh	7.3 x 59.5 x 78.5 mm
246525	LP906090JH	3.7 V	6000 mAh	9.0 x 60.5 x 92.0 mm

*Thickness x Width x Length

STANDARD LITHIUM ION



JPN	Description	Voltage	Min. Capacity	Dimensions*
245137	LI 14500 J 1s1p	3.60 V	850 mAh	16.0 x 16.0 x 53.0 mm
243128	LI 18650 JS 1s1p	3.60 V	2550 mAh	20.0 x 20.0 x 69.0 mm
246477	LI 18650 JPBF 1s1p	3.60 V	3250 mAh	20.0 x 20.0 x 69.0 mm
246480	LI 18650 JP 2s1p	7.20 V	3250 mAh	20.0 x 38.0 x 69.0 mm
246479	LI 18650 JP 1s2p	3.60 V	6500 mAh	20.0 x 38.0 x 69.0 mm
246478	LI 18650 JP 2s2p	7.20 V	6500 mAh	38.0 x 38.0 x 69.0 mm

*Thickness x Width x Length

Our products in use in industry:



- Industrial electronics
- Medical technology
- Measurement and control technology
- Safety engineering
- Automotive
- Tooling equipment
- Military and defense
- E-Mobility
- Smart metering
- Communication technology

STANDARD LITHIUM PRIMARY



JPN	Description	Voltage	Min. Capacity	Dimensions*
245718	CR2	3.0 V	850 mAh	15.6 x 27.0 mm
245719	CR123A	3.0 V	1550 mAh	17.0 x 34.2 mm
246534	CR1220	3.0 V	35 mAh	12,5 x 2.0 mm
245989	CR1620	3.0 V	75 mAh	16.0 x 2.0 mm
246535	CR1632	3.0 V	125 mAh	16.0 x 3.2 mm
245886	CR2016	3.0 V	90 mAh	20.0 x 1.6 mm
246538	CR2025	3.0 V	165 mAh	20.0 x 2.5 mm
245785	CR2032	3.0 V	220 mAh	20.0 x 3.2 mm
246539	CR2354	3.0 V	560 mAh	23.0 x 5.4 mm
245787	CR2450	3.0 V	620 mAh	24.5 x 5.0 mm
245788	CR2477	3.0 V	1000 mAh	24.5 x 7.7 mm
247284	CR 1632 H2	3.0 V	125 mAh	16.0 x 3.2 mm
247289	CR 1632 H2B	3.0 V	125 mAh	16.0 x 3.2 mm
247291	CR 2032 H3	3.0 V	220 mAh	20.0 x 3.2 mm
247282	CR 2032 H3B	3.0 V	220 mAh	20.0 x 3.2 mm
245990	CR 2032 V3	3.0 V	220 mAh	20.0 x 3.2 mm
247285	CR 2450 H3	3.0 V	620 mAh	24.5 x 5.0 mm
247288	CR 2450 V3	3.0 V	620 mAh	24.5 x 5.0 mm
247283	CR 2477 V3	3.0 V	1000 mAh	24.5 x 7.7 mm

*Diameter x Height

Key Benefits:

- Wide range of sizes accommodate many applications
- For applications working at low current with long stands
- Can be welded to application with pins or secured with battery holder

STANDARD THIONYL CHLORIDE



JPN	Description	Termination Style	Voltage	Min. Capacity	Dimensions*
247839	ER2450J P	PC Pin	3.6 V	500 mAh	24.0 x 6.2 mm
247839	ER32L65J 1/10D	PC Pin	3.6 V	1.000 mAh	32.9 x 7.1 mm
247838	ER32L100J 1/6D	PC Pin	3.6 V	1.700 mAh	32.9 x 10.5 mm
247835	ER14250J-S 1/2AA	–	3.6 V	1.200 mAh	14.5 x 25.4 mm
247830	ER14250J-2PT 1/2AA	Solder Tab	3.6 V	1.200 mAh	14.5 x 25.4 mm
247831	ER14250J-P 1/2AA	Axial Leaded	3.6 V	1.200 mAh	14.5 x 25.4 mm
247836	ER14335J-S 2/3AA	–	3.6 V	1.650 mAh	14.5 x 33.5 mm
247833	ER14335J-P 2/3AA	Axial Leaded	3.6 V	1.650 mAh	14.5 x 33.5 mm
247832	ER14335J-T 2/3AA	Solder Tab	3.6 V	1.650 mAh	14.5 x 33.5 mm
247753	ER14505J-S AA	–	3.6 V	2.600 mAh	14.5 x 50.5 mm
247834	ER14505J-P AA	Axial Leaded	3.6 V	2.600 mAh	14.5 x 50.5 mm
247837	ER14505J-T AA	Solder Tab	3.6 V	2.600 mAh	14.5 x 50.5 mm
247829	ER26500J-S C	–	3.6 V	8.500 mAh	26.2 x 50.0 mm
247829	ER26500J-T C	Solder Tab	3.6 V	8.500 mAh	26.2 x 50.0 mm
247662	ER34615J-S D	–	3.6 V	19.000 mAh	33.1 x 61.5 mm
247828	ER34615J-T D	Solder Tab	3.6 V	19.000 mAh	33.1 x 61.5 mm

*Diameter x Height

Key Benefits:

- Wide range of sizes accommodate many applications
- Long shelf life (10 years)
- Extremely low self-discharge (< 1 % per year)
- Long shelf life due to high voltage, high capacity, and wide temperature range

OFFICES IN EUROPE

Germany

Nagold (Headquarters)

Austria

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Spain

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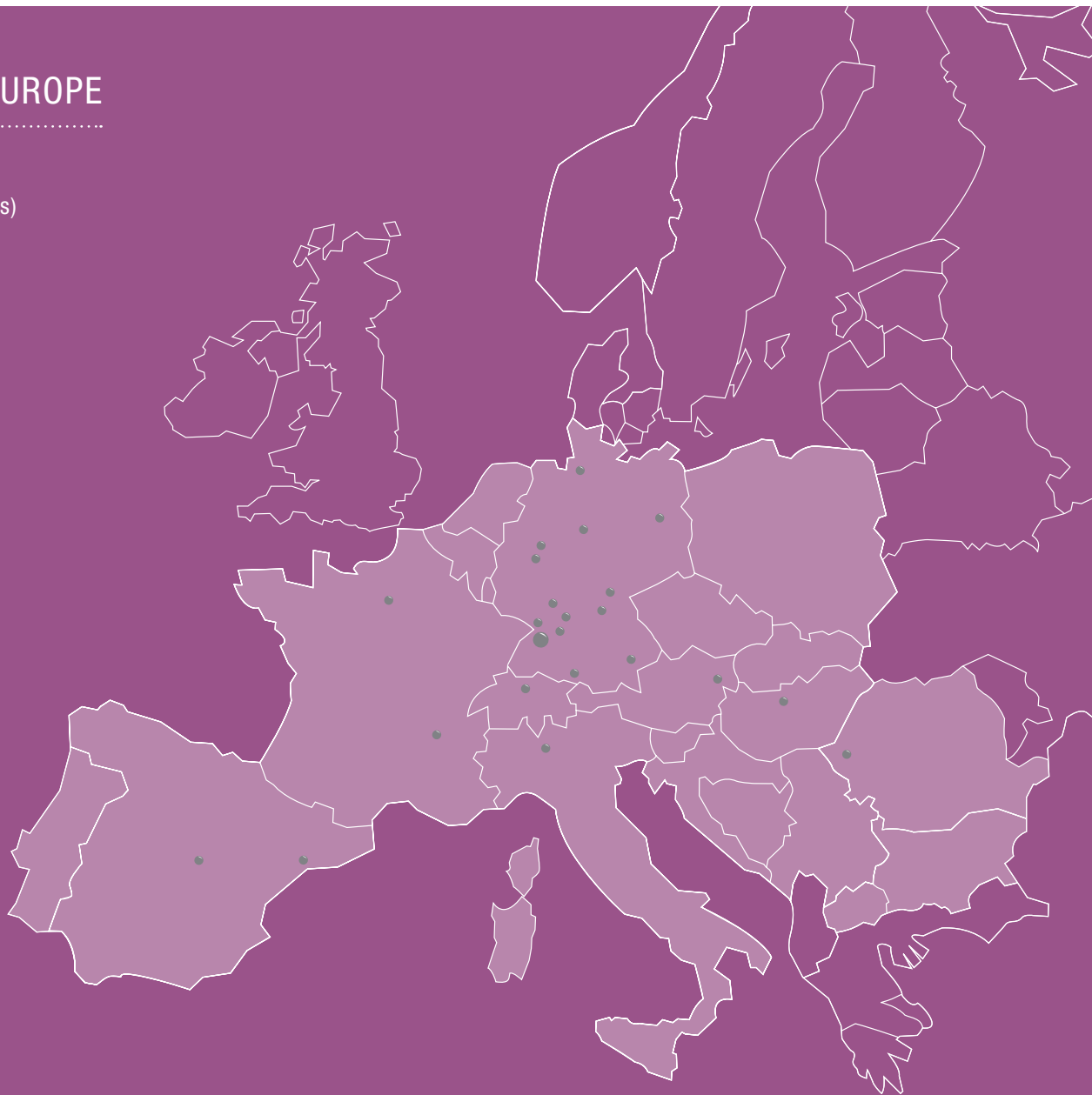
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