BATTERY CELLS

LITHUIM-ION BATTEY CELLS

100 Ah
Power energy cell serie

280 Ah
Energy cell series

314 Ah
Energy cell series

720 Ah
Energy cell series

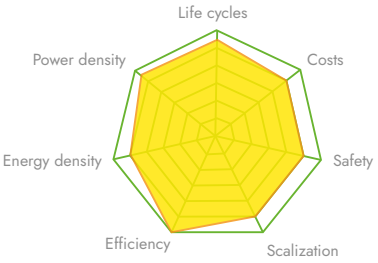
LFP

LFP material
Optimal energy storage lithium-ion battery.

Prismatic battery
Multi-level battery protection.

Lamination design
Effectively improving battery energy density.

Aluminum case
Excellent thermal conductivity and cooling properties.



THE THIRD GENERATION ‚SLIP' SERIES CELL WITH SPECIAL ENERGY STORAGE DESIGN OF NARROW AND LONG SHAPE

20 %
Thinner and longer with space utilization rate reduced by 20 %.

25 %
Customized development with energy density increased by 25 %.

High safety
Fire and explosion will not occur under high temperature, overcharging, extrusion, nail penetration test and other conditions.

Better heat dissipation
Better heat dissipation performance during high-rate charge and discharge.

LEVEZIA D.o.o. • Strane 86, 52100 Banjole • Telefon: +385 99 2009 993 • E-Mail: sales@levezia.hr

BATTERY CELLS

SODIUM-ION BATTERY CELL

More professional research

Patent technology accumulation cooperation with famous universities

Our technical team has been deeply involved in the battery field for over 20 years, with nearly 200 R&D patents, software copyrights, 4 major R&D centers and over 1000 research achievements. We have established cooperation with several famous universities, conducting extensive research in sodium material synthesis, sodium electrochemical principles and so on.

Safer products

Independently developed cells, wide temperature range, high rate

Our energy storage units use independently developed sodium-ion cells, possessing the characteristics of a wide temperature range and high rate. The system does not require cooling or insulation measures when operating in environments ranging from -40 °C to 50 °C. Utilizing layered oxides as raw materials, it ensures thermal stability and superior safety performance.

Longer service life

High cycle count, fast charging with minimal impact

Cycle life exceeds 2000 times, negative electrode uses aluminum foil instead of copper foil, product electrolyte ion conductivity increased by 20 %, and has better low temperature and rate performance.

Smarter management

Advanced battery management system, wide applicability

Utilizing an advanced smart battery management system, it has overcharge, over-discharge, over-current, temperature, and other alarm and protection functions, as well as historical data storage capabilities. It exhibits outstanding advantages in backup power supply, specific occasions, and high-rate discharge scenarios, making it suitable for widespread application in critical locations such as data and communication centers.

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BATTERY CELLS

CELL PARAMETERS

LEVEZIA®

LFP - High power cell series

S/N	Model	Rated capacity (Ah)	Nominal Voltage (V)	Voltage range (V)	Maximum charge / discharge rate (C)
1	FP 1690 200 A	15	3.2	2.5 - 3.65	2/8
2	FP 311 361 70 A	40	3.2	2.5 - 3.65	2/8
3	FP 311 361 70 A	50	3.2	2.5 - 3.65	2/6
4	FP 261 222 60 A	60	3.2	2.5 - 3.65	2/5
5	FP 311 362 27 A	60	3.2	2.5 - 3.65	2/5

LFP - Power energy cell series

S/N	Model	Rated capacity (Ah)	Nominal Voltage (V)	Voltage range (V)	Maximum charge / discharge rate (C)
1	FP 2010 6300 A	50	3.2	2.5 - 3.65	1/3
2	FP 311 36 170 A	50	3.2	2.5 - 3.65	1/3
3	FP 26 1222 60 A	75	3.2	2.5 - 3.65	1/3
4	FP 311 36 227 A	75	3.2	2.5 - 3.65	1/3
5	FP 26 1222 80 A	80	3.2	2.5 - 3.65	1/3
6	FP 26 1123 20 A	100	3.2	2.5 - 3.65	1/3
7	FP 311 362 82 A	100	3.2	2.5 - 3.65	1/3
8	FP 27 1224 30 A	150	3.2	2.5 - 3.65	1/3

LFP - Energy cell series

S/N	Model	Rated capacity (Ah)	Nominal Voltage (V)	Voltage range (V)	Maximum charge / discharge rate (C)
1	FP 2010 6255 A	40	3.2	2.5 - 3.65	1/1
2	FP 311 36 227 A	80	3.2	2.5 - 3.65	1/1
3	FP 26 1223 41 A	100	3.2	2.5 - 3.65	1/1
4	FP 311 36 255 A	100	3.2	2.5 - 3.65	1/1
5	FP 451 732 09 A	150	3.2	2.5 - 3.65	1/1
6	FP 711 73 207 A	280	3.2	2.5 - 3.65	0.5/1
7	FP 711 73 207 A	305	3.2	2.5 - 3.65	0.5/1
8	FP 711 73 207 A	314	3.2	2.5 - 3.65	0.5/1
9	FP 713 55 209 A	720	3.2	2.5 - 3.65	0.5/1

Na-Sodium ions cell series

S/N	Model	Rated capacity (Ah)	Nominal Voltage (V)	Voltage range (V)	Maximum charge / discharge rate (C)
1	NA 50 160 119 A	50	2.9	1.5 - 3.65	1/3
2	NA 50 160 156 A	75	2.9	1.5 - 3.65	1/3
3	NA 50 160 119 A	75	3.0	1.5 - 3.95	1/3
4	NA 311 36 282 A	95	3.0	1.5 - 3.95	1/3
5	NA 50 160 156 A	100	3.0	1.5 - 3.95	1/3
6	NA 711 73 207 A	210	3.0	1.5 - 3.95	1/3