

Rechargeable Lithium Battery Start-up's Map and Market Review

Lithium rechargeable battery market is dynamic and fast growing.

2019 World battery pack level market estimation in value is 120B\$, 20B\$ for primary batteries and 100B\$ for rechargeable batteries. Lithium rechargeable battery pack level is estimated as 50B\$. Li-Ion battery production is estimated as 180Gwh for 2019.

Market grow is fast due to the E-Mobility and ESS grow as well as all other traditional market segments.

As parrallel to that grow we have huge effort to improve lithium rechargeable battery performance, safety and cost.

Large R&D budgets funding many R&D activities for development of the next battery tchnology generation.

Rechargeable Lithium Battery Startups Map and Market Review is mapping the worldwide battery startups companies focusing on new battery development sorted by subject and geographic location.

On each startup company we made an effort provide an updated information on their current development status.

- Total number of start-ups covered in that report: 132 companies

Li-Ion battery material developing start-ups:

Li-Ion zero volt technology – 1 company

Li-Ion separators – 7 companies

Li-Ion electrolytes – 10 companies

Li-Ion anodes – 17 companies

Li-Ion cathodes – 9 companies

Li-Ion electrode coating – 1 company

Li-Ion current collectors – 1 company

Li-Ion silicon anode cells – 17 companies

Li-Ion High Voltage Cells (>4.3V) – 1 company

Li-Ion Pouch Flexible Cells – 9 companies

Lithium Sulfur & Lithium Metal Cells – 14 companies

Lithium Air Cells – 5 companies

Solid Electrolyte Li-Ion cells – 28 companies

Fast Charging Li-Ion cells – 9 companies

Lithium rechargeable cells recycling start-ups: 4 companies

Start-up's origin countries: USA, Israel, Korea, China, Switzerland, Japan, Germany, France, Taiwan, Denmark, UK, Netherlands, Hong-Kong, Russia, Czech republic and other countries.

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Research files format: Power Point

**** We do a custom-made market report per demand**