

Electrical Power Storage Technologies for Alternative Energy Sources

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Abstracts

The global market for alternative energy storage market reached \$847 million in 2016. This market should reach \$1.3 billion in 2017 and nearly \$5.7 billion by 2022 under a consensus scenario at a compound annual growth rate (CAGR) of 34.0% through 2022.

Batteries as a segment should reach \$1.1 billion in 2017 and \$5.4 billion by 2022, at a CAGR of 36.0% through 2022.

Fuel cells as a segment should reach \$65 million in 2017 and should reach \$131 million by 2022, at a CAGR of 15.0% through 2022.



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North American Power Grids **European Power Grids** Japanese Power Grids Chinese Power Grids **Indian Power Grids** "Base of the Pyramid" Power Grid Development African Power Grid Solar Wind Tidal and Wave Geothermal Solar Power Fundamentals Solar Power Storage Wind Power Fundamentals Wind Power Storage **Tidal and Wave Power Fundamentals** Tidal and Wave Power Storage **Geothermal Power Fundamentals Geothermal Power Storage Photovoltaics** Thermal Solar (Concentrating Solar Power) **Batteries Battery Types** Fuel Cells Capacitive Storage Flywheel Energy Storage **Battery Background** Lead Acid Batteries Nickel-metal Hydride Batteries Lithium-ion and Lithium-polymer Batteries **Metal-air Batteries**

Electrical Power Storage Technologies for Alternative Energy Sources



Aluminum-air Batteries

- Zinc-air Batteries
- Iron-air Batteries
- Lithium-air Batteries
- Nickel-hydrogen Secondary Batteries
- High-temperature Lithium Batteries
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