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Power storage technology,
connecting today's energy to the future



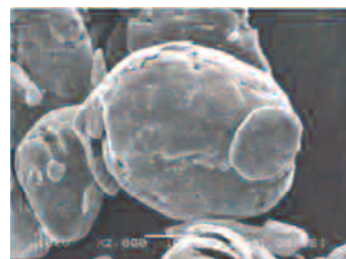


4 Core Technologies

Accelerate energy evolution

Silicon Carbon Composite

Negative electrode (anode) material for Lib



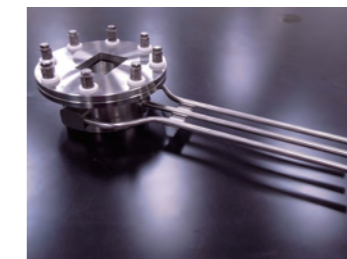
BIND Battery™



HYPER Battery™



SHUTTLE Battery™

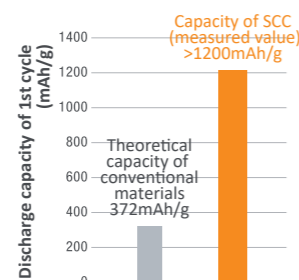


Since 2011

Future

Negative electrode (anode) material for lithium ion battery with capacity 4 times that of conventional materials

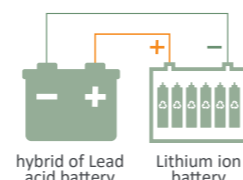
Innovative material for next-generation lithium ion batteries. Without using expensive materials, this active material can achieve four times higher capacity than conventional materials. It can be produced with existing electrical processing equipment.



Hybrid electric storage system consisting of two different batteries

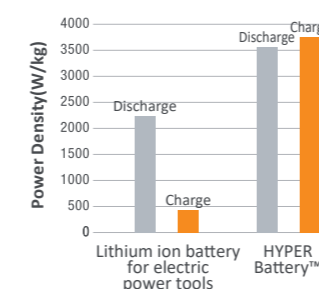
BIND Battery™ is a unique, safe and reliable battery. Lithium-ion batteries (LiB) and lead-acid batteries (PbB) are connected in parallel. Patented in USA, Europe and Japan. LiB in BIND Battery™ provides cycle life and high rate performance, while PbB compensates intrinsic weakness of LiB such as overcharge tolerance, low temperature capability and degradation at high temperature storage.

24V BIND Battery™ module



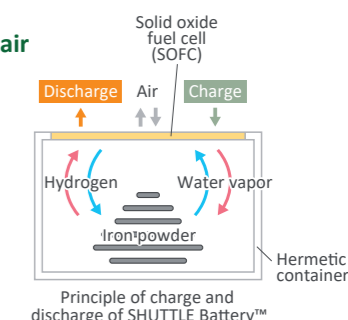
Novel lithium ion battery with high-rate charge/discharge capability comparable to capacitor and energy density of more than 20 times of capacitor

Combining HYPER Battery™ with high energy Lib, Fuel-cell and engine will dramatically improve power performance of existing system. (2nd generation BIND Battery™)



Ultra-high-energy secondary battery powered by iron and air

This is a battery using Fuel-cell technology SHUTTLE Battery™ can revolutionize society with its ultra-high energy density. It also reduces energy cost of hydrogen infrastructure such as high pressure storage equipment.

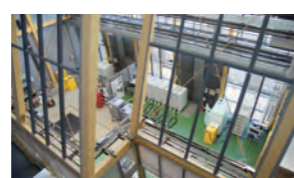


CONNEXX SYSTEMS CORPORATION

Company Profile

Company Name	CONNEXX SYSTEMS Corporation
Founder and CEO	Hisashi Tsukamoto
Headquarter	Keihanna Open Innovation Center, 7-5-1 Seikadai, Seika-cho, Soraku-gun, Kyoto 619-0294 Japan
Business	Development, manufacture, sales, planning design, system integration of next generation energy storage / power system
Date of Establishment	August 24, 2011
Capital	100,000,000 JPY
Number of Employees	45 (As of August 2018)

Location



[Headquarter・Laboratory]

Keihanna Open Innovation Center, 7-5-1 Seikadai, Seika-cho, Soraku-gun, Kyoto 619-0294 Japan
TEL : +81-774-66-6440 FAX : +81-774-66-6441

[East Japan Sales Office]

Dai3 Toho Building 2F, 1-6-8 Shintomi, Chuo-ku, Tokyo 104-0041, Japan
TEL : +81-3-4500-2708 FAX : +81-3-6228-3279

[Kyushu Sales Office]

Hakataekihigashiguchi Building 6F, 1-11-15, Hakataeki Higashi, Hakata-ku Fukuoka-shi, Fukuoka, 812-0013, Japan
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History

- 2011 August Establishment
- 2013 January Awarded Mitsubishi UFJ Technology Development Foundation Research Development Grant
- May Won Asian Entrepreneurship Award 2013 (simultaneous winner of Intel Award and Chiba Governor Prize)
- July Awarded "Strategic Substrate Technology Advancement Support Project" by Ministry of Economy, Trade and Industry (METI)
- July Awarded "New Energy Venture Technology Innovation Project" by NEDO
- August Won Intel APEC Challenge (Taiwan)
- October Intel Global Challenge (United States held) finalists
- 2014 December Started demonstration test of independent power supply type multi sensor system for meteorological observation along the railroad track
- 2015 January Started demonstration test on cold resistance for construction of smart city in snowy cold district "in Wakkanai city, Hokkaido"
- July NEDO Award continued for Strategic Energy Saving Technological Innovation Program (Practical Development Development) (Theme: Development of BIND Battery™, i.e. 12V storage battery, for advanced idle stop applications)
- October Opened Kyoto Research Center at Keihanna Open Innovation Center
- November Product Release: Outdoor installation type household power storage system
- 2016 February Japan Crown Prince visited Kyoto Research Center
- December Awarded Science and Technology Promotion Organization (JST) Grant for SHUTTLE Battery™ (Iron-Air Rechargeable Battery with Ultrahigh Energy Density, Intrinsic Safety and Long Life) as Stage I (strategic theme focus type) of FY2008 research achievement optimum development support program (A-STEP)
- 2017 March Headquarter moved to Keihanna Open Innovation Center
- 2018 August Product Release: Emergency mobile electric storage system PE series equipped with BIND Battery™
- February Opened East Japan Sales Office
- June Opened Kyushu Sales Office