

Power Sources DataBase

About Power Sources DataBase

The Power Sources On-line Web DataBase
Designed by Shmuel De-Leon

Targeted Customers are:

- Battery and Energy Sources Users
- Pack Assemblers
- Cell Makers
- Energy Sources Suppliers
- Academic Researchers
- R&D Engineers
- Market Researchers
- Safety Personal
- Battery Shippers
- Others Industry Members

The DataBase provides an easy, fast and inexpensive way to find technical information about cells, batteries, chargers, fuel cells, battery holders, ultra capacitors, companies/manufacturers/vendors, conferences/fairs, industry literature and industry organizations.

The Power Sources DataBase includes over 29,000 records of batteries, cells and other energy source component data sheets with full parameters search capabilities.

The Power Sources DataBase is a unique tool in the power sources industry and market.

Key Benefits

- Easily select cells and other battery raw materials needed for optimal battery design, thus saving engineering time, costs and effort.
- Quickly locate manufacturers, vendors and suppliers in the field based on vendor and products details.
- Reduce purchasing costs by locating replacements and more vendors for your battery raw material needs.
- Minimize redesign costs and time, based on first time optimal raw material/cells selection.
- Cell makers can use the DataBase to compare their products to the market and expand sales, while improving products and quality.



Main Screen

Companies Search Engine

- Academic researchers and R&D engineers can compare research results to the products existing in the market.
- Market researchers can use the DataBase to explore, examine and evaluate market competition.
- Battery air transportation shippers are able to easily locate lithium cells and battery content.
- Enables battery safety personal to easily locate M.S.D.S. for the cells in use.
- DataBase updates are uploaded to the internet on a daily basis by Shmuel De-Leon and also by industry vendors.

Power Sources DataBase Modules

- Companies
- Primary Cells
- Rechargeable Cells
- Primary Batteries
- Rechargeable Batteries
- Military Batteries
- Ultra Capacitors
- Fuel Cells
- Universal Chargers
- Battery Holders
- Conferences/Fairs
- Industry Literature
- Industry Organizations

Pricing

- Full software annual subscription is \$799.
- Full software monthly subscription is \$199.
- Save 10% on 2-5 subscriptions.
- Save 15% on 6-10 subscriptions.
- Power Sources DataBase subscribers receive a 10% discount on the Batteries & Fuel Cells Seminar.

Training

Training is provided at Shmuel De-Leon Batteries and Fuel Cells Seminars.

The seminars will be held on a monthly basis in different worldwide locations (North America, Europe, Far East and Australia).

Primary Cells Search Engine

Primary Cells [Back To Product List](#) [Reset Filters](#)

[Jump to Search Results](#) [Proceed to Column Selection](#)

Definitions

Company Name: In [1001 Piles Batteries, 365 Energy N.V., 3M Fuel Cell Components, 44 Tech Inc., 777 Battery Industry Co, A Berger Inc.]

Chemistry: In [Alkaline Air - P, Alkaline manganese dioxide - P, Alkaline manganese dioxide - R, Carbon zinc - P, Lead acid - R, Lithium air - P, Lithium bromine chloride complex - P]

Model #: Equal to []

Cell Status: In [Active, Aquired, Closed, Consult MFR, Disclose, Disposed, Not-clear]

General Information

Cell Shape: In [Button, Cylindrical, Elliptical, Oval, Prismatic]

Common Size: In [1/10D, 1/2A, 1/2AA, 1/2AAA, 1/2AAAA, 1/2AF, 1/2B]

Internal Construction: In [Bipolar, Bobbin, Coin, Dual anode, Flat plates, Pin, Sandwich]

Case Polarity: In [+ , Non-relevant]

Low Magnetic Signature: In [No, Unknown, Yes]

Seal: In [Hermetic - weld with glass to metal seal, Non hermetic - crimp with sealing gasket, Non-hermetic - crimp with no gasket, Partly hermetic - weld with top insulator, Unknown]

Case Material: In [52 Ni alloy-tin plated, 44C]

Self Discharge Per year (%): Equal to []

Rechargeable Cells Search Engine

Rechargeable Cells [Back To Product List](#) [Reset Filters](#)

[Jump to Search Results](#) [Proceed to Column Selection](#)

Definitions

Company Name: In [1001 Piles Batteries, 365 Energy N.V., 3M Fuel Cell Components, 44 Tech Inc., 777 Battery Industry Co, A Berger Inc.]

Chemistry: In [Alkaline Air - P, Alkaline manganese dioxide - P, Alkaline manganese dioxide - R, Carbon zinc - P, Lead acid - R, Lithium air - P, Lithium bromine chloride complex - P]

Model #: Equal to []

Cell Status: In [Active, Aquired, Closed, Consult MFR, Disclose, Disposed, Not-clear]

General Information

Cell Shape: In [Button, Cylindrical, Elliptical, Oval, Prismatic]

Common Size: In [1/10D, 1/2A, 1/2AA, 1/2AAA, 1/2AAAA, 1/2AF, 1/2B]

Internal Construction: In [Bipolar, Bobbin, Coin, Dual anode, Flat plates, Pin, Sandwich]

Case Polarity: In [+ , Non-relevant]

Seal: In [Hermetic - weld with glass to metal seal, Non hermetic - crimp with sealing gasket, Non-hermetic - crimp with no gasket, Partly hermetic - weld with top insulator, Unknown]

Case Material: In [52 Ni alloy-tin plated, ABS, Aluminum, Black high impact ABS, Cold roll steel, Laminate film]

Self Discharge Per Month: From [] To []

Shelf Life (Yr): From [] To []

Vendors - How to Include Your Products in the DataBase

A subscription to the Database will automatically allow the vendor to include all their products in the on-line DataBase after the information has been reviewed. This is completed easily via an automatic software tool via the internet.

The Power Sources Database Registration Form.

Please fill in the attached form and send it to Shmuel De-Leon Ltd.: shmueld33@gmail.com

Organization:	
Title:	
First Name:	
Last Name:	
Street:	
City:	
State:	
Country:	
Zip:	
Phone:	
Fax:	
E-mail:	

Please define your organization:

- Battery and Energy Sources Users**
- Pack Assemblers**
- Cell Makers**
- Energy Sources Suppliers**
- Academic Researchers**
- R&D Engineers**
- Market Researchers**
- Safety Personnel**
- Battery Shippers**
- Others Industry Members**

Please send the filled pre-registration form to Shmuel De-Leon Energy Ltd. by email: shmueld33@gmail.com.

Shmuel De-Leon Energy Ltd.

Mazal Arie 10, Hod-Hasharon, Israel 45309

Tel: 972-77-5010792, Mobile: 972-52-8601517, E-Mail: shmueld33@gmail.com

Energy Source DataBase Content

Module 1: Companies

Includes more than 2,000 companies classified according to address details, manufactured products, battery chemistries and fuel cell types.

Module 2: Primary Cells

Includes more than 4,000 classified cells with full general and technical querying capabilities and PDF data sheets.

Module 3: Rechargeable Cells

Includes more than 16,000 classified cells with full general and technical querying capabilities and PDF data sheets.

Module 4: Primary Batteries

Includes more than 100 classified standard batteries with full general and technical querying capabilities and PDF data sheets (this module is expected to be expanded to 1000 batteries within a year).

Module 5: Rechargeable Batteries

Includes more than 100 classified standard batteries with full general and technical querying capabilities and PDF data sheets (this module is expected to be expanded to 1000 batteries within a year).

Module 6: Military Batteries

Includes more than 350 classified standard military batteries with full general and technical querying capabilities and PDF data sheets.

Module 7: Ultra Capacitors

Includes more than 1200 classified ultra capacitors with full general and technical querying capabilities and PDF data sheets.

Module 8: Fuel Cells

Includes more than 100 classified fuel cells in production status, with full general querying capabilities and PDF data sheets.

Module 9: Universal Chargers

Includes more than 1,600 classified universal chargers with full general and technical querying capabilities and PDF data sheets.

Module 10: Battery Holders

Includes more than 350 classified standard battery holders with full general and technical querying capabilities and PDF data sheets.

Module 11: Conferences/Fairs

Includes future and past industry conference/fairs/events with web links.

Module 12: Industry Literature


Includes more than 100 industry literature/magazines/internet portals with full web links.

Module 13: Industry Organizations

Includes more than 100 industry organizations with full web links.

Example of a Company Record

Logged in: [superadmin@batteriesdatabase.com] Signed out



Companies

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*** indicates required field.

General Information

Company Name	<input type="text" value="Shmuel De-Leon Energy, Ltd."/>	Company Status	<input type="text" value="Active"/>
Company PDF Link	<input type="text"/>	<input type="button" value="Browse..."/>	
		<input type="button" value="Remove Document"/>	

Contact Details

Address	<input type="text" value="Maza Are 10"/>	Postal Box	<input type="text"/>
		City	<input type="text" value="Hod Hasharon"/>
		State	<input type="text"/>
		Country	<input type="text" value="Israel"/>
		Zip Code	<input type="text" value="45309"/>
Tel #	<input type="text" value="972-77-5010792"/>	Fax #	<input type="text" value="972-77-5010792"/>
E-Mail	<input type="text" value="shmuel33@gmail.com"/>	Company Web Site Link	<input type="text" value="http://www.sdle.co.il/"/> View Link

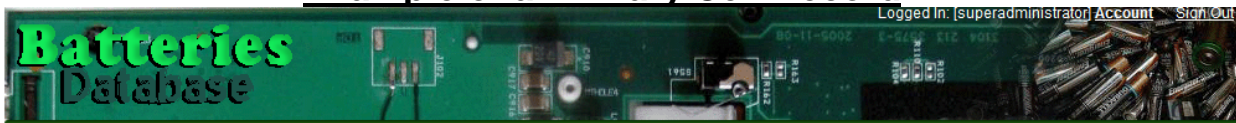
Company Type

Battery recycler	<input type="checkbox"/>	Battery Assembler	<input type="checkbox"/>
Distributor	<input checked="" type="checkbox"/>	Developer	<input type="checkbox"/>
Laboratory	<input type="checkbox"/>	Consultant	<input checked="" type="checkbox"/>
Manufacturer	<input type="checkbox"/>	Research Institute	<input checked="" type="checkbox"/>
Internet shop	<input type="checkbox"/>	Service Provider	<input checked="" type="checkbox"/>

Products

Automotive Battery Lab	<input type="checkbox"/>	Anodes	<input type="checkbox"/>
Battery Balancers	<input type="checkbox"/>	Battery Electronic Bourds	<input type="checkbox"/>
Battery Holders	<input type="checkbox"/>	Battery IC's	<input type="checkbox"/>
Battery Macinary	<input type="checkbox"/>	Battery Testing Equipment	<input checked="" type="checkbox"/>
BMS- Battery Management System	<input type="checkbox"/>	Cathodes	<input type="checkbox"/>
Chargers	<input type="checkbox"/>	Connectors	<input type="checkbox"/>
Containers	<input type="checkbox"/>	DC TO AC INVERTERS	<input type="checkbox"/>
DC to DC Converter	<input type="checkbox"/>	E-Bike Batteries	<input type="checkbox"/>
E-Bike Maker	<input type="checkbox"/>	Electrodes	<input type="checkbox"/>
Electrolyte	<input type="checkbox"/>	EV Batteries	<input type="checkbox"/>

Example of a Primary Cell Record



Primary Cells

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*** indicates required field.

Definitions			
Company Name	<input type="text" value="Contour energy systems"/>	Chemistry	<input type="text" value="Lithium carbon monofluoride - P"/>
Model #	<input type="text" value="BR"/>	Part #	<input type="text" value="BR2032"/>
Cell Status	<input type="text" value="Active"/>		

General Information			
Cell Shape	<input type="text" value="Button"/>	Common Size	<input type="text" value="2032"/>
Internal Construction	<input type="text" value="Coin"/>	Case Polarity	<input type="text" value="Non-relevant"/>
Low Magnetic Signature	<input type="text" value="No"/>	Seal	<input type="text" value="Non hermetic - crimp with sealing"/>
Case Material	<input type="text" value="Stain less steel"/>	Self Discharge Per year (%)	<input type="text"/>
Shelf Life (Yr)	<input type="text" value="5"/>	Max Impedence 1KHz AC (mOhm)	<input type="text"/>
Mounting	<input type="text" value="Flat"/>		

Capacity	
Maximum Capacity (AH)	<input type="text" value="0.265"/> *

Voltages			
Open Circuit Voltage (V)	<input type="text" value="3.7"/>	Nominal Voltage (V)	<input type="text" value="3.2"/>
Cut Off Voltage (V)	<input type="text" value="1.8"/>		

Currents			
Standard Discharge Current (A)	<input type="text" value="0.0002"/>	Maximum Constant Discharge Current (A)	<input type="text" value="0.01"/>
Maximum Pulse Discharge Current (A)	<input type="text" value="0.015"/>		

Environmental			
Min Discharge Temperature (C)	<input type="text" value="-30"/>	Max Discharge Temperature (C)	<input type="text" value="80"/>
Min Storage Temperature (C)	<input type="text" value="-30"/>	Max Storage Temperature (C)	<input type="text" value="60"/>
Min Discharge Humidity (%)	<input type="text" value="0"/>	Max Discharge Humidity (%)	<input type="text" value="100"/>

Dimensions			
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