

Happy New Year! It's Survey Time!



We just finished another dizzying holiday season. Some people love it, others...not so much. What is YOUR favorite holiday season?

- [Christmas](#)
- [Your Own Birthday](#)
- [Chinese Spring Festival](#)
- [Something Completely Different](#)

Click one of the links above and submit to participate in our survey. We'll publish the results of the survey in March, so stay tuned!

Sodium Ion Batteries - the Wave of the Future?



Sodium Ion batteries have been long in the making but interest waned when Li-ion batteries became popular.

Here are some of the pros and cons:

- Sodium-ion batteries have about half the energy density of lithium ion batteries, but they cost less with a similar power delivery.
- The cycle life of Sodium Ion batteries is shorter than Li-ion batteries.
- SIBs are sensitive to moisture and must be built in dry rooms. However, adding 2% calcium to the mixture will eliminate that need.
- SIBs are chemically similar to Li-ion, and built in a similar way, making it easier to change production.
- Lithium is not so easily found; sodium is abundant.
- SIBs work in a wider temperature range than lithium.
- Some Chinese car manufacturers are using SIBs in tandem with Li-ion in their EVs.
- SIB manufacturers are scaling up production so they can pick up a larger share of the market.

No matter what type of battery you're using in your design, MPD manufactures the best battery holder/retainer/contact solutions for your product. Browse our products at www.batteryholders.com.

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Since 1990, Kaztech trading has been negotiating directly with overseas manufacturers in the U.S. and Asia under sole agency agreements or as primary distributors. They are one of MPD's valued colleagues!

They continue to promote our products in the Asian region by jointly exhibiting with MPD at the largest trade show held in Tokyo, Japan every January.

Kaztech Trading also enthusiastic about social contribution (Corporate Citizenship) activities, making donations to the government in the event of a major earthquake, and donating free masks to medical institutions and people in shortage areas during the global mask shortage in 2020 due to the coronavirus - for which President Ueda received an award from The Japanese Red Cross Society (JRCS) and Bunkyo-ku, Tokyo, Japan.

Learn more about Kaztech here:

<http://t.memoryprotectiondevices.com/x/MPD0050/bm0dGFAa2F6dGVjaC5jby5pcA==/6>



Competitor Cross Reference



To find the MPD equivalent to a part you're using use [our cross reference tool here](#)

Still can't find what you need? Email us at info@memoryprotectiondevices.com