

US Patented Kinematic Charger Reduces Solar Panel Size by Half, to Debut at Asia Clean Energy Summit in Singapore

The breakthrough technology has received its fourth US patent and is developed jointly by Switching Battery Inc and Singapore-based company Fizix Solar.

MARINA BAY, SINGAPORE, October 20, 2023 /EINPresswire.com/ -- The highly anticipated Kinematic Charger is poised to take center stage at the Asia Clean Energy Summit, held at the Marina Bay Sands Exhibition on 24-25 October 2023 in Singapore.

Dr. Stephen Horowitz, Chief Technology Officer of Switching Battery, explained, "The Kinematic Charger is a breakthrough technology that not only reduces electricity consumption by an impressive 30-70% but also cuts the size of solar panels in half."

The technology has received its fourth US patent and is developed jointly by [Switching Battery Inc](#) and Singapore-based company Fizix Solar. The [patented Kinematic Charger](#) optimizes energy flow by harnessing redundancy states within energy systems. This ensures that every watt produced serves a purpose, minimizing waste and maximizing efficiency. The technology ingeniously employs batteries as intermediaries, bridging the gap between intermittent solar energy and variable load demands.

"The Kinematic Charger overcomes the problem of reliability and affordability of solar systems that empowers users to make eco-conscious choices without compromising on lifestyle," said [Kannappan Chettiar](#), the inventor of the Kinematic Charger. Chettiar, a recent recipient of the second position at the IEEE Congress on Evolutionary Computing (CEC) and the Genetic and Evolutionary Computing Conference (GECCO) in July 2023, added, "It's about more than just saving energy; it's about shrinking carbon footprints and bills."



The dual-voltage Kinematic Charger charges at 4V and powers devices at 12V*



The Kinematic Charger is a breakthrough technology that not only reduces electricity consumption by an impressive 30-70% but also cuts the size of solar panels in half."

Dr. Stephen Horowitz PhD

"We're making sustainable living accessible to all," Chettiar emphasized, "by seamlessly integrating luxury and environmental responsibility."

Fizix Solar's participation in the Asia Clean Energy Summit underscores its commitment to a brighter and greener future. The event serves as a platform for industry leaders, scientists, and innovators to showcase technologies that address the global energy challenge.

About Fizix Solar / Switching Battery Inc

Fizix Solar & Switching Battery Inc, founded by Kannappan

Chettiar, a distinguished nine-time award-winning entrepreneur and scientist, is committed to reshaping the renewable energy sector. Through pioneering technologies like the Kinematic Charger, Fizix Solar & Switching Battery aims to democratize sustainable living, ensuring it is both reliable and cost-effective.

Link to US Patent: <https://patents.google.com/patent/US20220368139A1/en?q=11398735>

IEEE Smart Grid Competition results link: <http://www.gecad.isep.ipp.pt/ERM-competitions/2023-2/>

<https://ingenieria.bogota.unal.edu.co/en/noticias/item/548-equipo-de-cooperacion-internacional-alcanza-segundo-lugar-en-competencia-de-redes-inteligentes.html>

Cenobia Majella

Switching Battery Inc / Fizix Solar

+65 8766 2708

cenobia@switchingbattery.com

Visit us on social media:

[Facebook](#)

[LinkedIn](#)

[YouTube](#)

[Other](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/663089922>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.