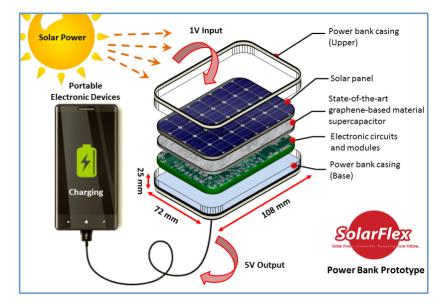


GO Advanced Sdn Bhd

Graphene-based Structural Supercapacitor



SolarFlex is a power bank that is unlike any other power banks since it is equipped with a stateof-the-art graphene-based material supercapacitor integrated with solar panel. The invented supercapacitor exhibits high energy and power density that are highly desired in the current electronic industries. In contrast to lithium-ion batteries, the developed supercapacitor is free from lithium substance, which is highly-volatile and may cause fire. Above all, it retains >90% of the capacitance performance, even after 1000 cycles. With an addition of a solar panel to charge the supercapacitor, the device can be used to convert eco-friendly solar energy into electrical energy. The prototype developed from this invention will charge portable electronic devices (i.e. mobiles and tablets) on the go, without the need of an electrical power point. This invention benefits consumers who enjoy a productive, hassle-free and eco-friendly travelling.

ACHIEVEMENT

• Discovered the total addressable market.

CURRENT STATUS

- Market validation
- Refinement of prototype
- Funding applications



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