

Solar Backpack Shunzaburo Kida

The solar backpack was a device created by Toshiro (TC) Kida and Shunzaburo "Jamie" Kida. The project was started in the summer of 2008.

The backpack helps with patient confidence. An external medical device can be connected to the circuit board. Currently the backpack can power any 2-AA or 2-AAA battery powered devices. The backpack allows the user to store equipment and many carious items in the normal pack while discretely hide the medical device that is attached.

It is powered by 3-rechargeable NiMH batteries. The charging is done through solar energy.

The backpack is an open-source design. So anyone that wants to modify and change the design is able to do is. This allows the solar backpack to fit into many situations and capable of powering many different components.

There are some products on the market that utilize this technology. Analog, a snowboarding company designed a jacket that can

connect to any Bluetooth device and a music device and has speakers to output the audio. Burton, another snowboarding company, created, after the Kida brother's initial prototypes were built, a backpack that has speakers and is solar powered.



Works Cited:

- Toshiro Kida, Yale Alumni, Graduate Student in Brighton, England
- Shunzaburo Kida (URI Undergrad)
- Burton Snowboards
- Analog Snowboards
- instructables.com