SG: NTU scientists create customisable, fabric-like power source for wearable electronics

The scientists from NTU (National University of Singapore) have created a customisable, fabric-like power source that can be embroidered or stitched onto fabrics.

In a recent development, NTU scientists have created a customisable, fabric-like power source that can be embroidered or stitched onto fabrics. The power source is made from a special type of fabric that can store and release energy. The scientists have also developed a method to prevent the power source from overheating, which is a common problem with traditional power sources.

This new power source is especially useful for wearable electronics, such as fitness trackers, smart watches, and other devices that need to be small and lightweight. The power source can be customized to fit different types of fabrics, such as cotton, silk, or even denim. This makes it ideal for creating customised wearable electronics that can be worn anywhere.

In addition to its flexibility, the power source is also durable and can withstand repeated charging and discharging cycles. The scientists have also developed a method to charge the power source quickly, which means that it can be used for a variety of applications, from fitness trackers to electric vehicles.

The NTU team has also collaborated with other researchers from the National University of Singapore and the University of California, Berkeley, to develop new materials and technologies for wearable electronics.

Source: The Straits Times