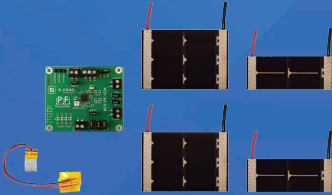


# PowerFilm<sup>®</sup>

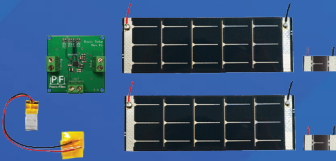
MADE IN THE USA

## SOLAR

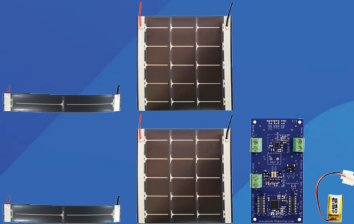
### Solar Development Kits



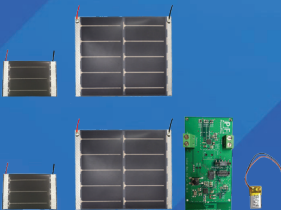
**Solar Development Kit with e-peas-PMIC (DEV-EPEAS)**



**Solar Development Kit (DEV-BASIC)**



**Solar Development Kit with Nordic BLE (DEV-BLE-NS)**



**Solar Development Kit with TI BLE (DEV-BLE-TI)**

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# Solar Development Kits

PowerFilm Amorphous Silicon (a-Si) solar panels are more sensitive than traditional solar technologies in low light and indoor settings. In heavily shaded or dimly lit environments, such as warehouses and industrial plants, PowerFilm panels can generate enough power to run sensors, beacons, and other low power IoT devices.

Plug and play solar development kits make it easy to experiment with and explore the potential of solar.

The AEM-PF-EVK Solar Development Kit with e-peas PMIC (DEV-EPEAS) and Solar Development Kit (DEV-BASIC) are total power management solutions for directly powering external electronics. With energy harvesting, battery charging, and output regulation, they bridge the gap between solar and electronics.

The Solar Development Kit with Nordic BLE (DEV-BLE-NS) is perfect for developers looking to design or add PowerFilm's high-performance solar to BLE products. It includes an onboard energy harvester/power management IC, nRF52832 BLE circuitry, solar panels, and all required components to be plug and play.

The Solar Development Kit with TI BLE (DEV-BLE-TI) is a solar-powered wireless sensing module featuring an onboard light meter, battery monitor, and an on-chip temperature sensor. Use this kit to jumpstart the development of solar-powered BLE devices that use TI's CC2650 wireless MCU.

PowerFilm Solar Development Kit designs are completely open sourced and can help make your ideas a reality.

## More Information

515-292-7606

[www.powerfilmsolar.com](http://www.powerfilmsolar.com)