

# PXP Corporation



GreenTech development  
StartUp  
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## Company Information :

PXP Corporation (Representative Director/President Shigeaki Kameda, Headquarters 5-4-21 Nishihashimoto, Midoriku Sagamihara Shi Kanagawa Ken) is a Japanese GreenTech start up established in 2020. PXP has numerous experts and specialists in solar panel device research & development, as well as experts in mass production experience.

## World's First Commercialization in Sight/Pilot Mass Production to Begin within the Year!

Since its inception, PXP has focused on research and development of lightweight, flexible, and non-brittle solar panel using world's first demonstration of technique employing perovskite/chalcopyrite tandem structure. Within year 2023, PXP will set up a pilot line in preparation for commercialization.

## Challenges with Legacy Solar Panels

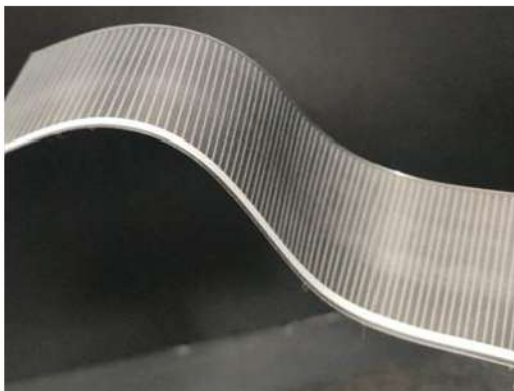
Previous solar panels had to be supported by heavy protective glasses in order to prevent silicon cell from breaking. On the other hand, perovskite-based panels which has been the subject of most recent technology breakthroughs, have been facing issues of mass production and durability which has presented from commercial application.

## PXP Uses World's First Production Methodology

PXP has developed a unique tandem structure technology that produces chalcopyrite solar device on top of metal-foil, and layers on tope the perovskite device which is suitable for mass production.

## Our Future Steps

We will collaborate with business partners in the areas of EV, HV, PHV and airline/aerospace industry where light weight, flexibility, high reliability, and durability is required.



### Flexible Solar Panel

High quality, cost competitive solar panel with:

**Light weight** (without the need of thick cover glass)

**Flexible** (fits to curvatures)

**Unbreakable** (impact, vibration, micro crack resistant)

It will allow creative and flexible design of EV with its high reliability, durability, light-weight and high efficiency panels.