

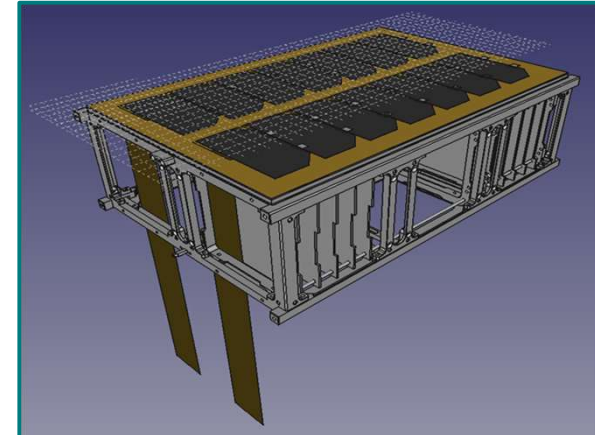


KarbonTek Inc.

Developing highly efficient solar panel

We are currently developing innovative solar panels based on emerging carbon-based materials that will allow us to increase the power generation in satellites. This technology can also be used on ground solar power plants to increase the production of electricity.

Thermal Link is a patented technology (PCT/JP2018/046023, JP#6601933) that embeds highly efficient thermal conduction materials within the solar panel. Those materials have been used in electronics products and its thermal conduction performance can be up to 1500W/mK . This technique enables an efficient evacuation of the heat from the solar cells to keep them working at low temperature, where they produce more electricity.



KBIC, Room 232 : Manufacturing