

American-Made Solar Contest

Ready! Technical Assistance Request

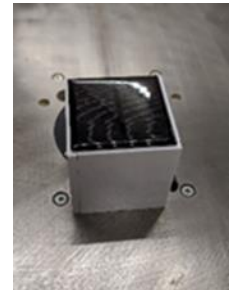
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Our device enables us to bring solar energy to Industrial IOT sensors. We've been able to demonstrate that a single day charge in the sun can power our indoor sensor for 3 months. Our charging "hat" approach is interchangeable with a variety of sensors. We've also embedded battery analytics to allow for predictive charging hat replacement (which enables continuous sensor operation).

Our technical assistance request is in the following areas:

- Review and validation of the photovoltaic cell selection
- Design assistance for the charging "hat" and the connection with the associated sensors
- 3D production of the prototypes
- Guidance on design for manufacturability and durability