

# Sunmill™ Array

Deployable, Steerable Solar Array for CubeSats



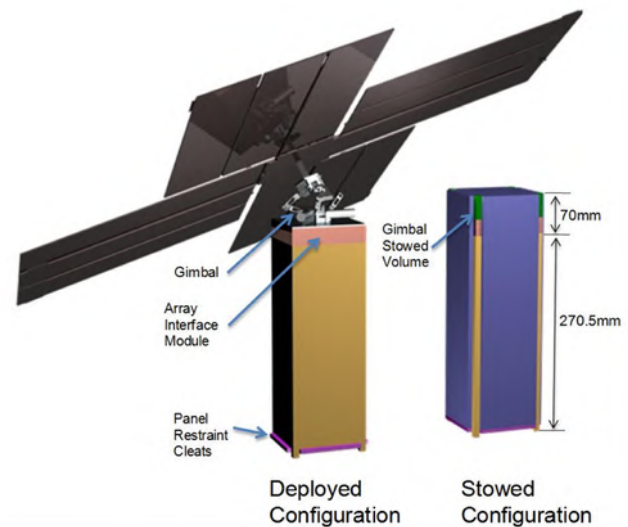
Transformative Technologies  
for Space, Sea, Earth, & Air

The Sunmill Deployable, Steerable Solar Array is a compact, lightweight option for generating 80W Peak power without greatly burdening the available system volume of the CubeSat. The Sunmill Array is designed to be a reliable, robust and modular addition to any CubeSat mission seeking high capabilities.

## Product Highlights

- 80W peak and 50W OAP generated when using full length panels
- Outward facing cells provide pre-deployment power
- Full hemispherical pointing of the array
- Discrete motion maximizes power generation while limiting consumption
- Gimbal motivates panel deployment, therefore, no added actuators needed
- Panels fit in 6.5mm “extra volume”

## Interface



## Component Status

- Gimbal and Array flight qualified to CDS rev12 standards
- Ready for order
- 6 month lead time for nominal configuration

## Specifications

- 3+ Year designed system life
- 1510 g system mass (plus power processing unit)
- Compatible with all commercially available CubeSat bodies

