

# Sun Tracking

The module's mirrors are controlled by a microcontroller that focuses their reflected sunlight on the absorber. As the sun's position in the sky changes throughout the day, gearmotors rotate each mirror.

In the video below, East is to the right and West to the left. At the beginning of the day, the mirrors have rotated to the east, reflecting their sunlight onto the absorber. Each mirror must take a different angle to reflect its sunlight properly. Notice the reflection of the absorber in the mirrors and the bright spots of reflected sunlight on the arms holding the absorber.

At midday, the mirrors have rotated nearly to the south and by late day they are facing toward the west. A hybrid captures more sunlight than a flat plate PV panel because each mirror is more closely perpendicular to the sun's rays.

