

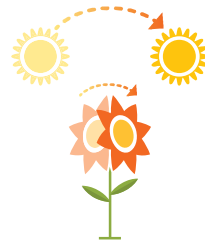


Photo: Bill Linfield

Introducing **The HelioDrive™** SOLAR TRACKING SYSTEM

Sulas has developed a groundbreaking approach to solar tracking that uses no motors, gears or electronics. Our patented technology, the HelioDrive, uses the power of the sun, acting on phase change material through simple optics, to actuate a single moving part to accurately track the sun's path across the sky. The large hydraulic-based force generated from the HelioDrive can be used to rotate a collection of photovoltaic (PV) panels, allowing them to follow the sun and increase their energy yield.

Inspired by heliotropism, a flower's natural ability to follow the sun, the HelioDrive automatically follows the sun from east to west throughout the day. When the sun sets, it returns to the sunrise position and is ready for the next day.



Simple and Reliable

The scalable and cost-effective HelioDrive can be easily integrated into any size pole-mounted or ground-mounted solar PV array. It is a modular stand-alone mechanism with only one moving part and does not require grid or battery power.

Contact Us for Details

Sulas Industries
www.sulasindustries.com
970-468-7837
129 10th Street, Unit A
Silverthorne, CO 80498

Kareem Dabbagh
VP
kareem@sulasindustries.com

Fin Doyle
CEO & Founder
fin@sulasindustries.com

HelioDrive Requires:

- ▶ No Electrical Power
 - ▶ No Motors or Wiring
 - ▶ No Control Systems
 - ▶ No Calibration
- ▶ Increases energy yield up to **25%** compared to fixed-mount arrays
 - ▶ Powerful hydraulic-based torque
 - ▶ Lowers installation costs
 - ▶ Effective in wide range of climates
 - ▶ Outperforms passive tracking



Photo: Bill Linfield