

# Making a Crystalline Silicon Solar Cell without Wafers

## And Making it in the USA

How can we produce enough solar to meet our climate goals if 90% of silicon wafers are made by just two overseas companies?

With a novel device design and a manufacturing strategy built from the ground up for production in the USA, Leap overcomes one of America's key strategic vulnerabilities.

Our unique technology leapfrogs from refined silicon to finished solar cells. We:

- Cut cost in half
- Reduce energy consumption by 70%
- Slash silicon consumption by 90%
- Retain the performance and reliability of silicon

