

# BLOOMBOX.

## RETRACTABLE SOLAR ROOF SYSTEM

An **intentionally-designed**, low-profile solution to top any standard shipping container

**Inspired by flower petals**, system expands and retracts solar panels simultaneously in all directions, while maintaining all wiring concealed, to absorb sunlight in the day and stay secure at night

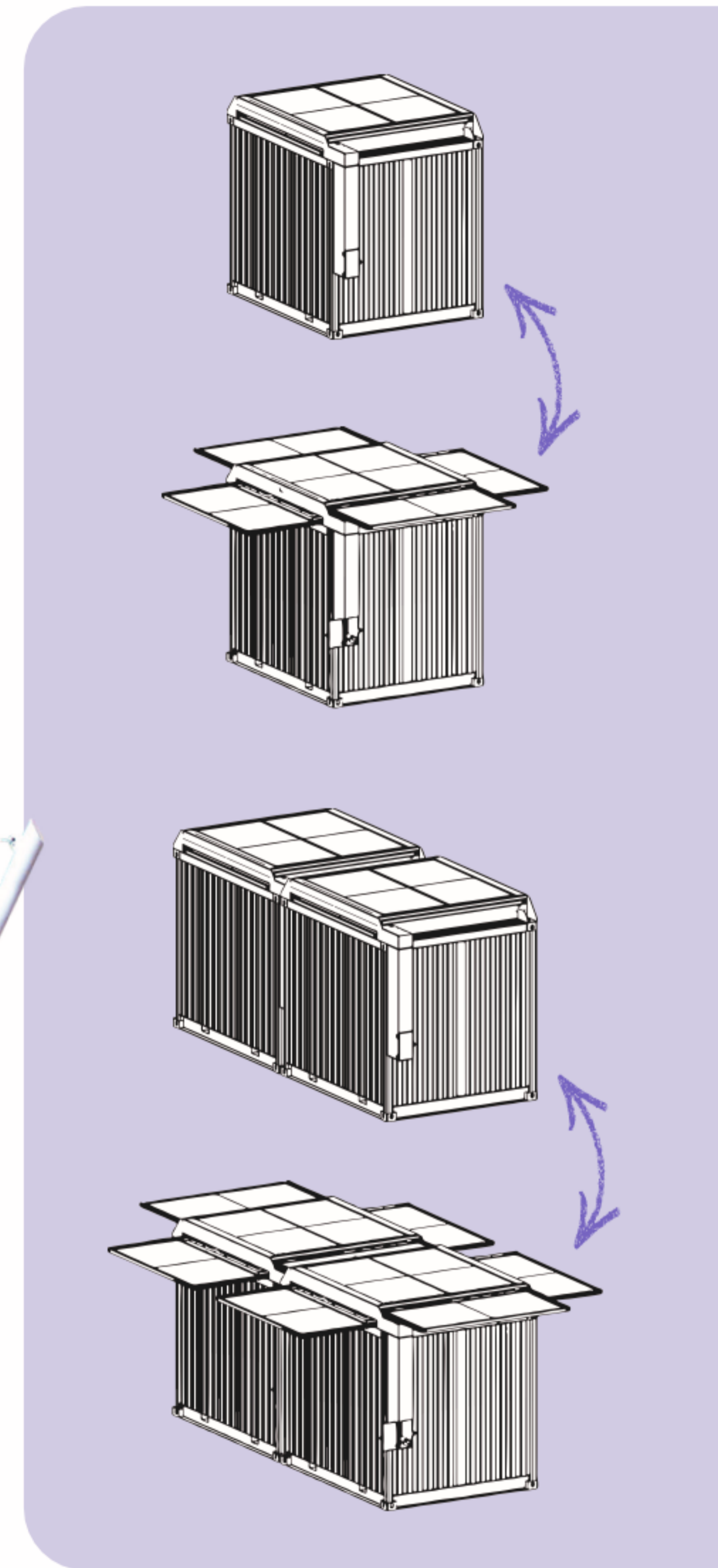
When retracted, system maintains a **compact footprint**, matching the top surface area of the shipping container it covers, while stacking panels efficiently for increased portability and security



Capable of providing 3000 or more watts of **renewable power** in off-grid settings

System **securely mounts** to load-bearing corners of standard shipping containers and can be connected in series, when expansion is needed, to top larger shipping containers

When mounted and retracted, the roof system-container unit **meets transportation height restrictions**



A **SECURE, MOBILE, and MODULAR** solution for off-grid solar applications.



Tiny Houses



Temporary Offices



Disaster Relief



Construction



Hydroponic Farming



Last Mile Economies