

**DISCOVER PRODUCTS**

- 6 x 48-48-5120, AES RACKMOUNT Battery Modules
- 1 x LYNK II (950-0025)

**OTHER PRODUCTS**

- 1 x Sol-Ark 12K-P Inverter
- Enphase IQ8+ Microinverters with 72 x 405W Solar Panels
- Mitsubishi 2-ton Mini-Split cooling system

**APPLICATION**

Convert containers into a housing option for the homeless

**REQUIREMENT**

Portable, secure, inexpensive housing that could be rapidly deployed

**STEEL + SPARK****OVERVIEW****AES RACKMOUNT 48-48-5120**

Discover Energy Systems' AES RACKMOUNT is the battery of choice for STEEL + SPARK, an innovative builder based in Phoenix, Arizona. The company uses shipping containers to create beautiful, off-grid homes and buildings.

STEEL + SPARK is finding eco-friendly solutions to battle Phoenix's toughest challenges. In 2023, 9,642 people in Phoenix were experiencing homelessness. Also in 2023, Phoenix experienced 133 days with temperatures exceeding 100°F (38°C), which resulted in 645 deaths related to heat exhaustion. The city of Phoenix was searching for answers.

In 2024, STEEL + SPARK introduced the SPARKBOX-WING. Each X-WING can house up to 48 people. 100% solar powered by day, lithium battery powered by night, and fully air-conditioned, the X-WING is rapidly deployed and ready for same day occupancy.

The X-WING can be installed anywhere as temporary, transitional, or even a permanent housing solution.