



### DISCOVER PRODUCTS

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

### OTHER EQUIPMENT

- 1 x Sol-Ark 12K-P Inverter
- 26 x 405W Solar Panels
- Mitsubishi 2-ton Mini-Split cooling system

### APPLICATION

Convert containers into cooling stations

### REQUIREMENT

Portable, independent cooling stations to help people escape the sweltering desert heat

## OVERVIEW

### Discover 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, Phoenix experienced 133 days with temperatures exceeding 100°F (38°C), which resulted in 645 deaths related to heat exhaustion. The city tasked STEEL + SPARK to build portable cooling stations to help combat the problem.

The result: SB Chill is an air-conditioned shipping container powered by six AES RACKMOUNT battery modules, energized by a Sol-Ark 12K-P inverter and 10.5 kW of solar panels. The interior is cool, comfortable and inviting for anyone who needs to escape the desert heat. And because SB Chill is portable, it can be moved wherever, whenever it is needed.

# STEEL + SPARK

