



DISCOVER PRODUCTS

- 2 x AES RACKMOUNT Slimline Enclosures (950-0053)
- 12 x 48-48-5120 AES RACKMOUNT Battery Modules
- 1 x LYNK II Gateway (950-0025)

OTHER PRODUCTS

- 2 x Sol-Ark 15K-2P-N Hybrid Inverters
- PV Array

APPLICATION

Partial home backup, self consumption

REQUIREMENT

Reduce energy bills and provide backup power for emergencies



OVERVIEW

AES RACKMOUNT 48-48-5120

Nestled in the lush, green landscapes of Kailua Kona, Hawaii, this solar power and energy storage system is a testament to sustainable living. Designed and installed by Renewable Energy Services (RES), the system offers a practical and reliable solution for solar backup power.

To meet the homeowners' needs, RES recommended the UL9540 DC ESS-certified AES RACKMOUNT Slimline Enclosure and Battery Modules. The setup includes rooftop solar panels that harness sunlight to generate photovoltaic (PV) energy, which are stored in twelve AES RACKMOUNT batteries. These batteries are housed in two Slimline Enclosures, thoughtfully placed under an overhang and surrounded by trees for added protection from direct sunlight.

Two Sol-Ark 15K-2P-N Hybrid Inverters convert the stored DC energy into AC power, providing reliable energy for the home. This system not only reduces energy costs but also ensures peace of mind with a dependable power backup in case of a grid blackout.

