

**DISCOVER PRODUCTS**

- 24 x 48-48-5120-H AES RACKMOUNT Battery Modules
- 4 x AES RACKMOUNT Battery Module Combiners (950-0049)
- 28 x Quick Stack Racks (950-0050)

OTHER EQUIPMENT

- 4 x Outback Power Radians GS8048A
- 5 x Outback Radian 8048A inverters
- 2 x Outback Mate3s Controllers
- 2 x Outback Hubs 10's
- 1 x Outback FNDC
- 100 x Q-cells 315W Solar Panels

APPLICATION

- Diesel abatement - remote island lodge

REQUIREMENT

- 'Pound for Pound' Lead Acid drop-in replacement

**OVERVIEW****AES RACKMOUNT 48-48-5120**

Tired of experiencing frequent power outages and poor power quality, a few years ago the homeowners of LOT 40 decided to install an energy storage system with lead-acid batteries. Unfortunately, the initial setup fell short of expectations and the system had to be reinstalled and reconfigured. The owners were able to get several good years until the end of life of the lead-acid batteries.

They looked at installing lithium in the system. Due to the cost of replacement being about the same price, they decided to go with lithium as it would provide more years of service, require less maintenance, weigh less and increase the usable space, plus add the benefit of higher efficiency.

While the property remains connected to the grid, it serves primarily as a backup during extended cloudy periods and high usage when solar and battery power are insufficient. The LOT 40 property is an example of a cutting-edge, maintenance-free lithium battery system.

The owners are delighted with the upgrade and they look forward to decades of reliable, efficient power.



