



“ Discover AES LiFePO₄ batteries ability to charge quickly make them ideal for off-grid applications to help reduce generator use. The cost fuel savings our customers realize is astounding.”

Jason Jackson – Hakai Energy Solutions Solar



SYSTEM

- 18x AES 42-48-6650 (120 kWh)
- 3x SMA Sunny Island Inverter Charger

APPLICATION

Remote micro-grid - luxury fishing lodge

REQUIREMENT

Reduce diesel consumption, support caretakers in residence out of season



PARALLEL
POWER



FAST
CHARGING



SURGE
POWER

OVERVIEW

Discover AES LiFePO₄ 42-48-6650

During the summer peak season, a remote luxury fishing lodge runs 600 kVA of diesel generators to power lodge buildings and luxury yachts moored at their dock. However, out of season, with only the caretakers present, the daily running of the diesel system was prohibitively expensive. To reduce out of season diesel consumption, Hakai Energy Solutions reconfigured their system, adding a containerized three-phase inverter charger system supported by eighteen AES batteries in parallel. Taking advantage of SURGE POWER, FAST CHARGING, and PARALLEL POWER technology, a 50 kVA generator now easily supports recharging once every 4-5 days.

