



SYSTEM

- 12x AES 42-48-6650 (80 kWh)
- 19.5 kW PV, 4x FM100 MPPT
- 18x Outback FX Inverter Chargers (64.8 kW)

APPLICATION

Whole Home Backup. Mini-grid for luxury home.

REQUIREMENT

Grid independence and backup of entire home including central air conditioning, water heating, inductive cooking appliances, pool pumps, etc.



**PARALLEL
POWER**



**SURGE
POWER**



**FAST
CHARGING**

OVERVIEW

Discover AES LiFePO₄ 42-48-6650

Frequent grid interruptions makes having a plan for backup power pretty ordinary. However, there is nothing ordinary about this luxury whole home backup system. 65 kW of 3-phase power is an impressive mini-grid class system easily capable of running central air conditioning, water heating, inductive cooking appliances, pool pumps, and pretty much anything else. Discover AES LiFePO₄ batteries deliver the capacity and capabilities required by utilizing Scalable Energy Storage, Fast Charging, and Surge Power for this impressive system. Plans to double the storage capacity and PV array size are in the works.

