

**PROJECT  
SPOTLIGHT**



**OFF-GRID RESIDENTIAL**

# Powering a luxury ranch outside of utility's service territory



Jenner, CA, USA

80 kWh  
Autonomous  
Californian Ranch



**PROJECT  
HIGHLIGHTS**

- + AC-coupled system
- + Continuous access to reliable power in area outside of utility's service territory
- + Cost to extend grid power would have been \$250,000

**SYSTEM OVERVIEW**

**AH1™ Batteries**

80 kWh  
Aquion Energy  
M-Line Modules

**Battery Inverter**

SMA Sunny Island

**Solar Array**

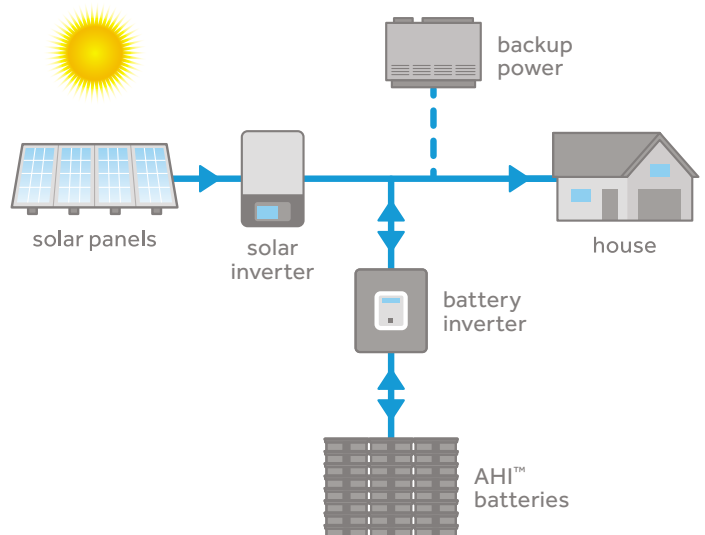
14 kW

**Solar Inverter**

SMA Sunny Boy

**Backup Power**

Diesel Generator  
for Emergency  
Use Only



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