Energy Storage Made Simple

simpliphi POWER

CLIENT: Vacherie Ranch **LOCATION:** Sonoma, CA **APPLICATION:** Container Microgrid

SIMPLIPHI POWER'S storage solution was integrated in a microgrid for a Ranch in West Sonoma County, California. Prior to the installation, the family relied on diesel generators to power its agricultural and recreational operations. In the search for a better solution, it quickly became apparent trenching lines for a grid connection was cost prohibitive. Instead, rugged, highly efficient and reliable SimpliPhi batteries, combined with solar, now allows the ranch to be powered 24/7 by a sustainable microgrid that has saved the family over half a million dollars. The containerized solution, utilizing 25 of SimpliPhi's PHI 3.4 kWh batteries and abundant solar generation, made same-day deployment and scalability a reality.

"SIMPLIPHI'S SOLUTIONS offer a high level of certainty in terms of economics, lifetime throughput, available capacity and non-toxicity. Without having to offset heat generation, the thermal stability and resiliency around a wider thermal window, compared to other batteries, eliminates catastrophic failure typically associated with cobalt-based lithium batteries – which is especially important for remote, hot locations," said Rody Jonas, co-founder and president of Pure Power Solutions.

- 24V and 48V PHI 3.4 kWh Smart-Tech Battery
- Integrated Battery Management System (BMS) Protection
- Compatible With All Industry Standard Inverter/Charge Controllers
- Operating Temperature: -4° to 140°F (20° to 60°C)
- 98% Efficiency Rate
- No Ventilation or Cooling Required
- 10,000 Cycles at 80% DOD

Power. On Your Terms.™

RECOGNIZED COMPONENT
ETL LISTED US
Intertek 5004007

CONFORMS TO UL STD 1973

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