

# Going off-grid in rural Victoria

ENERGY STORAGE CASE STUDIES

Installer

Central Spark

Location

Yapeen, Victoria

Application

Off-Grid

System Size

27kW Solar PV  
48.0kWh battery  
storage  
Three Phase

Battery storage

12 x ECO4840P  
48VDC 4.0kWH LFP  
Battery Modules

Solar panels

72 x Winaco Gemini  
375W Solar Modules

Inverters

3 x Selectronic SP  
PRO SP482 7.5KW  
Battery Inverter,  
1 x Fronius Symo  
20kW Solar Inverter

Giving the regional landscape of Victoria the ability to showcase what PowerPlus Batteries have to offer in the harsh sun.

With the long life dream of going off grid, owners of a 10 acre block of empty land designed their house in a way that would support independence from the grid. Enjoying what a tree change has to offer and the close proximity to the growing artistic town of Castlemaine they are hoping to embrace the permaculture attitude beginning with an off grid solar and battery system to give their new home the power to shine.

Using mainly Australian made products from Selectronic Australia and PowerPlus Energy, the system is one of quality and reliability, with the intention of expanding in the future with plans for a tennis court and pool, all in conjunction with a 33kVa Stauch generator.

The three phase system was required to run a full workshop with hoist & compressor along with three phase heat pump for hydronic heating and hot water. This property is kitted out ready for all the fun activities thanks to the fine work from Central Spark.



Photos courtesy of Home Owners (June 2021)