

# Off-Grid since 1992

ENERGY STORAGE CASE STUDIES

Installer

Midac

Location

Karuah Upper,  
New South Wales

Application

Off-Grid Upgrade

Upgraded System Size

15kW of Solar PV  
36kWh Battery  
Storage  
Single Phase

Battery storage

8 x ECO4840P  
48VDC 4.0kWh LFP  
Battery Modules

Solar panels

60 x 250W  
solar Modules

Inverters

1 x Selectronic  
SPMC482 7.5kW SP  
PRO Battery Inverter  
2 x Kaco 6.6kW  
Solar Inverters

## Upgrading existing battery system to restore power to home in NSW

The original system was first installed in 1992 to power a residence located 400 meters away down a hill, this was one of the first off grid systems of its size in Australia. System was upgraded a number of times with the last battery bank of 1600 Amp hours dropping a cell and needing replacement in mid 2021. One cabinet of PowerPlus Energy batteries have been installed and there is space to expand with another cabinet of eight batteries if required in the future.



Photos courtesy of Midac