



## RBSS Power Cube delivered to Nangeenan

### OVERVIEW

- Location: Nangeenan, Western Australia
- 8ft Transportable Enclosure
- 2 x 10kWh Redflow ZBM2 batteries
- 1 x 10kVA Victron Quattro Inverter/Chargers
- 2 x Victron SmartSolar MPPT 250/100 Charge Controllers
- Redflow Battery Management System (BMS)
- 30 x PV panels - 9kW array



**On the Great Eastern Highway, in the heart of the WA wheat belt is Nangeenan – and the location of the first RBSS Power Cube.**

Transport, logistics and manpower costs when working in remote areas of Western Australia add significant costs to the installation of a Battery Energy Storage System (BESS). And then there are the difficulties of working in often harsh environments.

To reduce installation costs and turnaround times, RBSS has developed the Power Cube - designed to allow easier installation and setup of a BESS in our Perth workshop, in a controlled environment with everything we need at hand.

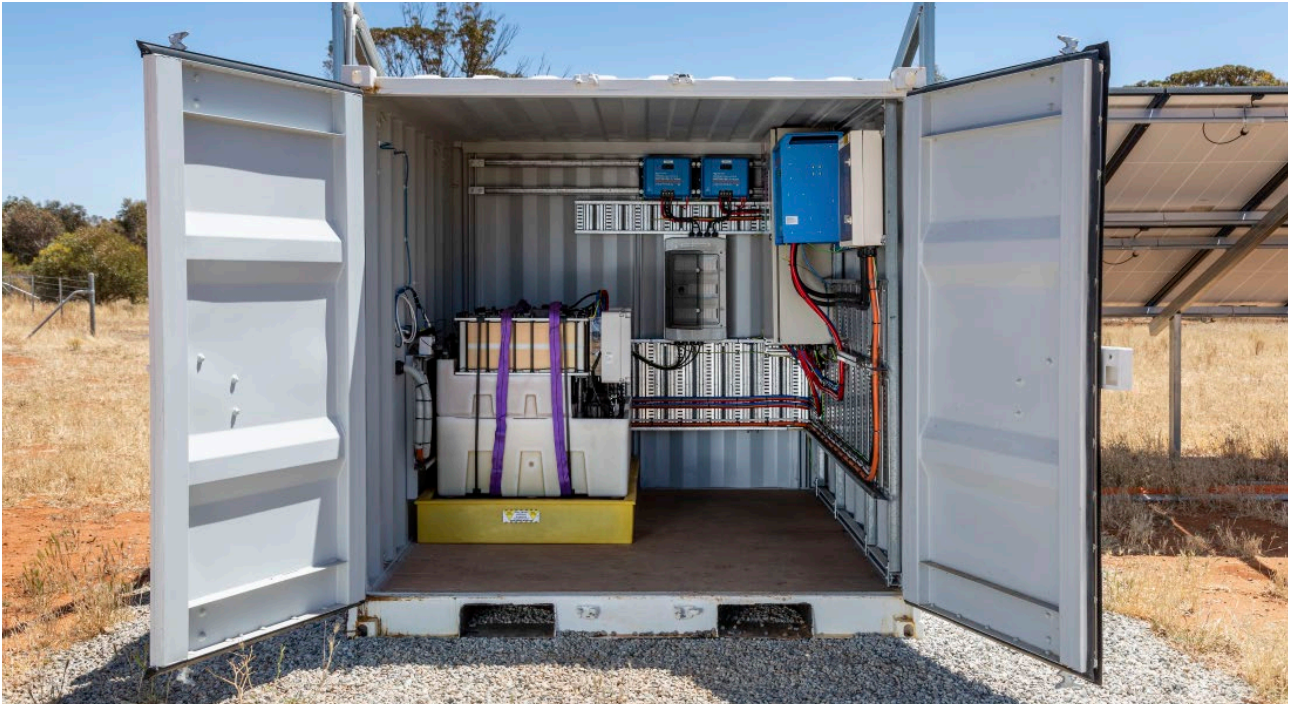
Completed Power Cubes are then transported to site and simply plugged into an existing PV array or other energy source. Plus, the system is fully scalable - from a compact 8ft container through to commercial scale 40ft containers.

The Power Cube for the Nangeenan project has 2 x Redflow ZBM2 batteries, 2 x Victron MPPT Solar Controllers and a Quattro Inverter/Charger as well as protection board, isolators and monitors – all connected to a 9kW solar array.

A fully, off-grid BESS providing clean, reliable power, 24/7 – and should our Nangeenan family ever decide to move, they can take their RBSS Power Cube with them.

**For more details about this installation contact -  
Leith Elsegood on 0419 948 098  
or email [rbss@tieg.com.au](mailto:rbss@tieg.com.au)**

# RBSS Power Cube in Nangeenan



*The Nangeenan battery energy storage system fits neatly inside an 8ft container. No active cooling system is required due to the Redflow ZBM2 high ambient operating temperature - ideal for remote WA locations.*



*RBSS Power Cube and PV array setup, provides all power needs for the Nangeenan rural home property.*



*A compact diesel genset automatically provides backup power for battery charging if needed.*

**Renewable Battery Storage Solutions (RBSS)** provide specialist electrical contractor services for the design and installation of sustainable energy storage systems. Ideal for those wanting to complement existing or new solar power installations at home and the work-place, or as an energy backup solution using existing power grid.

RBSS offer services for a wide range of residential and commercial energy storage applications across the Perth metro area and regional Western Australia.



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