

**MPILONHLE –
Health and Social Development Non-Profit Organization situated in
Mtubatuba, Kwa-Zulu Natal (2023)**

Grid-Connected Backup System.



Description:

NuRa Energy designed, installed, and commissioned a grid-connected backup system at a non-profit organization for health and social development – Mtubatuba, Kwa-Zulu Natal.

This system consists of six Victron Energy 48V/10kVA Quattro Inverter/Charger. The inverter units convert DC voltage (from the battery and solar panels) into AC voltage to use normal household appliances. One Freedom Won 48V 40/32kWh Lithium-Ion Phosphate Battery (LiFePO₄) is connected to the specified inverters.

The system also has a Cerbo GX remote monitoring unit installed which when connected to an internet connection allows the system to be monitored and controlled remotely by installers and the client via the Victron Energy VRM application.

Price: R790 000.00 including VAT (2023)