



# PV Solar Installation

Outstation of Tatale Mission

Tatale - Ghana, January 2020



## Installation Description

This solar system will serve the people living at one of the Outstation of Tatale Mission. It will provide light and power the sound system, it will also serve the people with power to charge their mobile phones.

This solar system is a DC - system with an inverters. Four PV modules are connected in series and charge the batteries via a MPPT charge controllers. The 24V DC from the batteries are converter to 230V AC by a Victron phoenix invertes.

# Facts

## Location

Outstation of Tatale Mission. The Tatale outstation is under the Dioces of Yendi and is located at the boarder with Togo.

## Installation Date

January 2020

## End Users

The people of Tatale Outstation

## Technical Data

- Solar modules with, 260Wp each, 4 pcs, total 1040Wp.
- Victron 150/60 MPPT Charge Controller.
- Phoenix Inverter 24V/1200W .
- Victron battery balancer.
- Westech battery AGM 12V/200Ah, 4pcs



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