



PV Solar Installation

Child Protection Centre, Tema

Tema / Ghana. November 2020



Installation Description

The Don Bosco Child Protection Centre was established to support the government of Ghana's efforts to provide temporary shelter and rehabilitation for rescued victims between the ages of 6 to 17. The goal are to enhance the living condition of this vulnerable children and children at risk in dignifying ways of being human.

In this year a solar installation was undertaken by Don Bosco Solar to support the institution with renewable energy to help the centre reduce its energy expenditure.

Facts

Location

Tema Community 22, on the Tema - Akosombo road after Afariwaa junction.

Installation Date

November, 2020

End Users

Don Bosco Child Protection Centre, Tema.

Technical Data

- Victron Quattro, 48V / 10.000 VA, 1 pcs.
- Smart Solar MPPT 250V / 85A, 2 pcs.
- Smart Solar MPPT 250V / 70A, 1 pcs.
- 42 PV Modules with 315 Wp each, Total 13.2 kWp.
- GX Color Control.
- BYD Battery 48V / 15.4kWh.



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