



# Solar Installation

Kinderhaus

Accra / Ghana. March 2022



## Installation Description

Kinderhaus is a charity organization based in Accra, Ghana. With the children's home, Kinderhaus supports the state of Ghana with its task of protecting neglected and abused children and providing them with a hopeful future. The installation is a DC - Coupled System with an 48V/5kVA MultiPlus inverter to power the energy needs of the house, 250/100 MPPT charge controller, 12 PV-Modules 380Wp suming up to 4.5kWp and FzSoNick battery 48V/9.6kWh to backup the energy.

# FACTS

## Location

Kinderhaus - Accra

## Installation Date

February 2022

## End Users

Kinderhaus children's home

## Technical Data

- Victron MultiPlus 48/5kVA, 1pcs.
- Victron MPPT Charge Controller 250/100, 1pcs.
- 12 PV - Modules 380Wp each = 4.5kWp
- Victron Venus GX, 1pcs.
- FzSoNick Battery 48V/9.6kWh, 1pcs, total 19.2kWh.

