

## Project Showcases (small systems)

### Mafavuka off-grid solar

Off-grid solar system for a moringa farm which is operating the site with two priority circuits. First priority: house of farm manager and tools for working including oil press for producing moringa oil. Second priority: Once the battery reaches SoC of 80% and loads on first priority are <3kVA, we are enabling the second priority circuit (AC2) to be used for irrigation and for additional water pumping.

**System:** 5kVA inverter / solar array with 4.2kWp, IBR roof-mounting with Schletter aluminium profiles / battery bank 500Ah@48V (=12kWh/d@DoD50%). LIVE MONITORING system with GSM modem / VRM portal; you can check out the system performance here: <https://vrm.victronenergy.com/site/share/5dfeabc2>



### Residence UN Women back-up

Grid connected back-up system to replace the noisy and polluting back-up diesel generator

**System:** 5kVA inverter / battery bank 690Ah@48V (=16.5kWh/d@DoD 50%). Online monitoring with Ethernet modem / VRM portal

#### Client statements

*"SwissSolar is a reliable supplier. They delivered and installed what they promised! Our back-up system is working perfectly – quiet and without creating any pollution."*

**Florence Raes, Representative UNWomen Mozambique**

*"Swiss Quality - made in Germany! A perfect match to create an outstanding renewable energy company, which is equipping our Maputo residences with green solar back-up systems."*

**Tanja Werheit, Deputy Head of Mission German Embassy Maputo**

*"Finally a company knowing what they are doing! Their state-of-the-art solar hybrid systems including remote monitoring and maintenance, together with their excellent service, makes SwissSolar our preferred supplier to guarantee the operation of the national customs clearing service in remote locations."*

**Stephan Kolb, Director Operations SGS MCNet Mozambique**



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