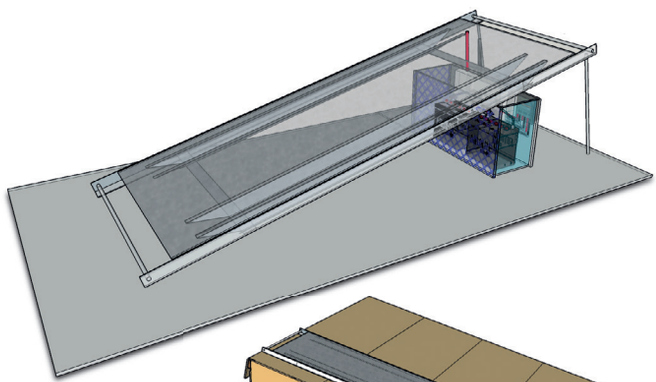
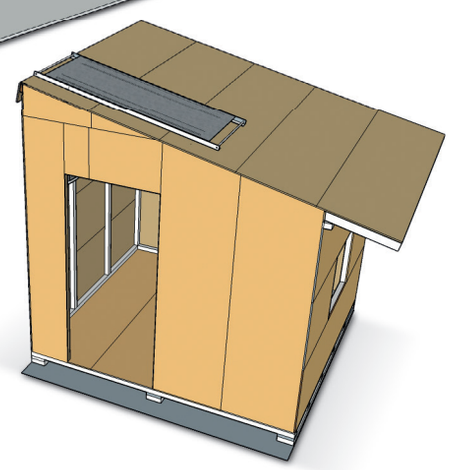
# Small Solar **Power Plant**

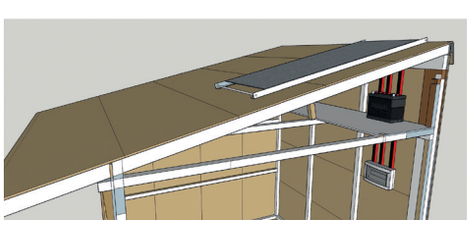
## This device is able to generate electricity to run basic devices like fan, lighting etc.

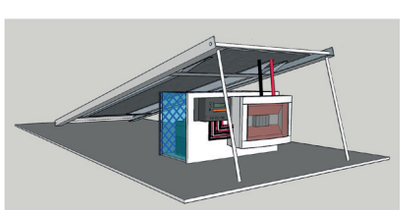
It's designed to be used in the rural areas and doesn't require any special technical skills for users.

This small solar power plant can be combined for example **with our social houses.**









| | | |
|---|---|---|
| General dimensions | Length: 180cm; Width: 70cm | |
| Electrical parameters | 12V **130W** 22Ah<br>at the solar intensity 1000 W/m² „Europe" | 12V **180W** 22Ah<br>at the solar intensity 1400 W/m² „Equator area" |
| The output is 12V socket from which can be charged for example: | 5x tablets (2A)<br>10x mobile phones (1A)<br>or combination of mobile phones, tablets and notebook | |
| Battery runs up to 80% of the capacity it means 211Wh | It can for example run LED light:<br>6W for **35 hours** \| 12W for **17,5 hours** \| 24W for **8,5 hours** | |

This is possible to upgrade according to the user's needs with additional solar panel, **more powerful inverter or add more batteries.** Within 10 hours on the sunshine will this solar power plant generate **1,3-1,8 kWh.**

## This small solar power plant
**is able to generate 130W every hour in average**

264Wh

Complete set consists of **solar panel, inverter, battery and other necessary accessories.**

HIGH-TECH SOLUTION WITH **SunLuc Powerplant!**

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