MOBILE SOLAR **POWERPLANT**





This brand new technology generates electricity and all energy is stored in the unique batteries and used when it's necessary. This system is called „OFF GRID" and it's absolutely independent from any electrical grid network which is crucial especially is rural areas.

In the places like deserts, mountain areas or island are people isolated and mostly the only way how to produce electricity is with diesel generators which are loud, cause pollution and depend on fuel supply. But electricity from the mobile solar power plant is **silent, clean and doesn't need any fuel.** The only fuel is sunshine which is highly available especially in the tropical and sub-tropical countries.

This mobile solar power plant is designed
to survive extreme typhoons with the wind speed 250km/h!
It's also resistant against corrosion and can be placed almost on any surface.

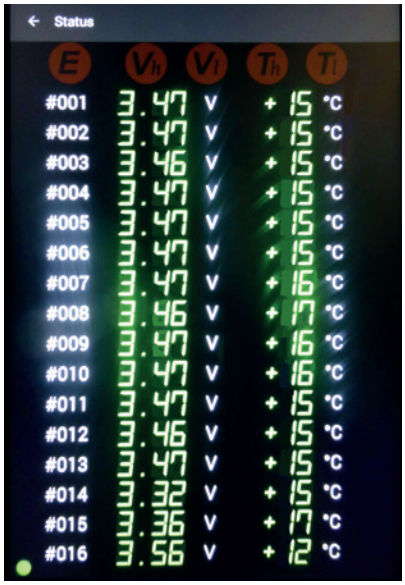








Thanks to our high-tech solar panels and unique batteries can our power plant generate much more kWh of electricity then it's common. It's also very reliable device which is designed to operate in extreme climate conditions.



Total capacity batteries: 9,6 kWh

- this capacity is because of 16 batteries installed in the power plant
- we can extend total capacity of the batteries up to 70 kWh

Every mobile solar power plant can be customized according to user's needs and can be also adapt for hospitals, airports, factories, mining and heavy industry.

This power plant can work on **120V, 230V and 400V,** it's all about user's needs.







It's very easy to operate with this power plant because it's fully automatic process. We do understand that in rural areas most of the people are not educated enough to be able to solve technical problems that's why every power plant communicate with our server through internet and if there is any technical problem we will make the service.

Power:

- 5,2 kW at the solar intensity 1000 W/m^2
- 7,0 kW at the solar intensity 1400 W/m^2

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

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