

Hybrid system

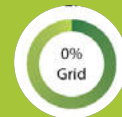
Stand Alone power system

SAPS



The green sustainable solution to ensure power to off the grid users.

Power station with Intelligent management of Energy supplied by renewable sources.



GET POWER
INDIPENDANCE



GREEN ENERGY
EFFICIENT SYSTEM



PLUG AND PLAY
READY TO START



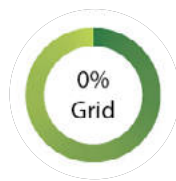
Hybrid system

Stand Alone power system

The hybrid module SAPS is the green sustainable solution for feeding isolated users in an autonomous and independent way from the Mains.

The energy required is drawn from renewable sources (solar, micro-Aeolian and mini-Water) and the generator works in auxiliary way.

The energy thus produced is stored to make it available to the user 24 hours a day through an inverter system that is automatically activated when needed.



100% Off the grid system ensures Energy Indipendence.

Energetic autonomy for isolated areas without public mains.

The S.A.P.S. unit have a battery sistem which will be reloaded from different renewable sources:

- Solare
- Micro wind
- Micro water

These sources can operate separately or can be combined with each other. If the energy stored in the batteries (from renewable sources) is not sufficient, a diesel generator backup supports the system charging the batteries and supplies it at the same time.



Green Energy Efficient Solution Designed for:

Isolated houses with a daily average consumption from 1 to 10 kwh.

Isolated monitoring stations with consumption from 1 to 5 kwh/day

Radio links and telecom systems with consumption from 1 to 5 kwh/day



Plug and Play Ready to start Power.

. Gen set, batteries and all , already assembled , **ready to start**.

. **No need pipes** and electrical connection, already done in factory.

. Integrated **tank** with bunded base.

• **System easily improve**, Output 24 VDC

• **No need Cooling** system for Batteries , and it is possible reduce or avoid AIR cooling inside the Shelter

• **Fuel consumption efficiency**

The Required Needs for Off the grid life Born to ensure Green Energy Indipendence



SOLAR KIT



EOLIC KIT



HYDRIC KIT

4 systems **all in one**

Some Features:

Energetic autonomy for isolated areas without public mains.

Small dimensions and low noiselevel, ideal for indoor installations.

Continuity in energy availability also without renewable sources.

Saving on fees for occasional use (holiday houses).

Availability of outdoor configuration, kit IP55, without dedicated room.

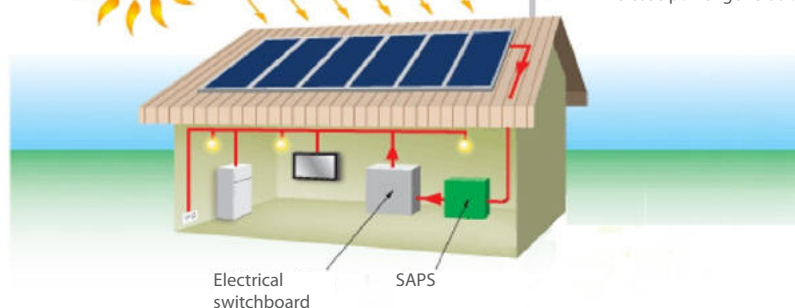
Modularity for further power upgrade, from 1 to 4 kW.



Solar panels convert sunlight into clean green DC electricity



Wind turbines can also be installed on stand alone systems to supplement or increase power generation



Electrical switchboard

SAPS

How it works: • Solar • Micro wind • Micro water

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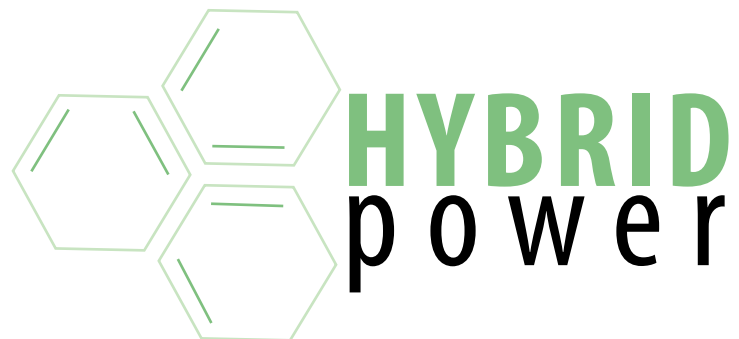
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