

Генераторы постоянного тока серии GDC

Технические характеристики

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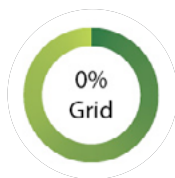
Hybrid system

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.

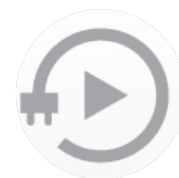


Green Energy Efficient Solution Designed for:

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 banded 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 Indpendance



4 > 1



SOLAR KIT



EOLIC KIT



HYDRIC KIT

4 systems all in one

Some Features:

Energetic autonomy for isolated areas without public mains.

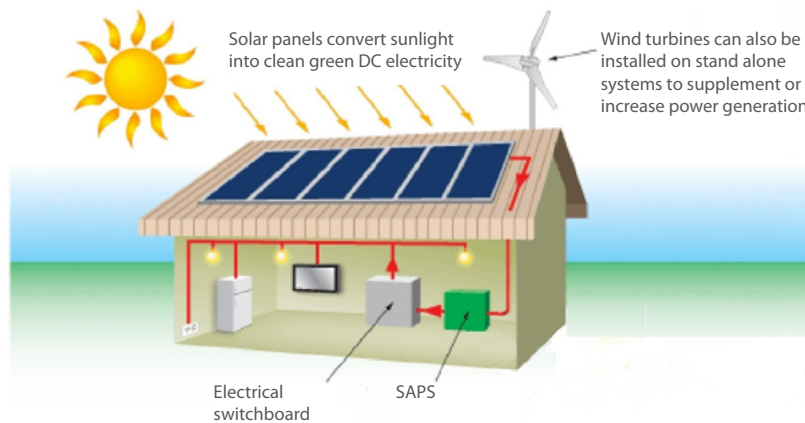
Small dimensions and low noiselevel, ideal for indoor installations.

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.



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

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

GDC-HS Stand-alone Systems

Up To 7000 working hours / 294 Days Or
10 Months

smart OFF GRID SYSTEM FOR flexible
AND RELIABLE power solution
to save CAPEX and OPEX

The Hs Power Systems Are Built In One
Easy-To-Install unit with Sturdy Canopy
and wide Access Doors For Fast And
Easy Maintenance.

Extremely Long Runtime and
Maintenance intervals from 1000/4000
working hours without the need for
checks by personnel on site.

All Functions Are monitored By a control
unit, even from remote.



Designed for telecommunications sites

LOW CO2 emissions

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