

Selfnergy Series Solar Inverter

Expert on Inverter, Specialized
in Electricity for 40 Years

▶ About Allis Electric

Allis Electric Co., Ltd. was established in 1968, and committed to the research development, production and manufacturing of power system and power transmission & distribution related equipment. Nowadays, Allis Electric begins to move towards higher efficiency and cleaner distributed renewable energy supply.

Since 2012, Allis Electric has developed various diverse inverter goods in accordance of different distributed power grid products. It is expected that Allis Electric is able to bring a new generation of clean energy globally from Taiwan by developing a more efficient and cleaner power system.

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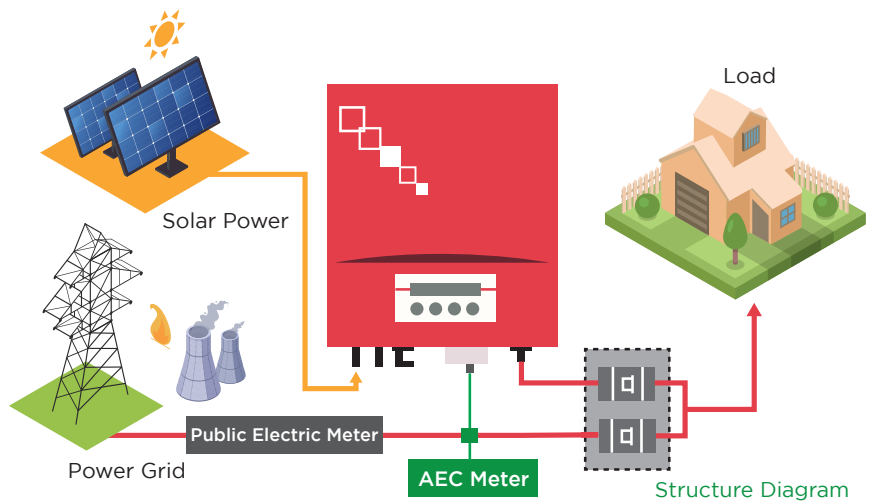
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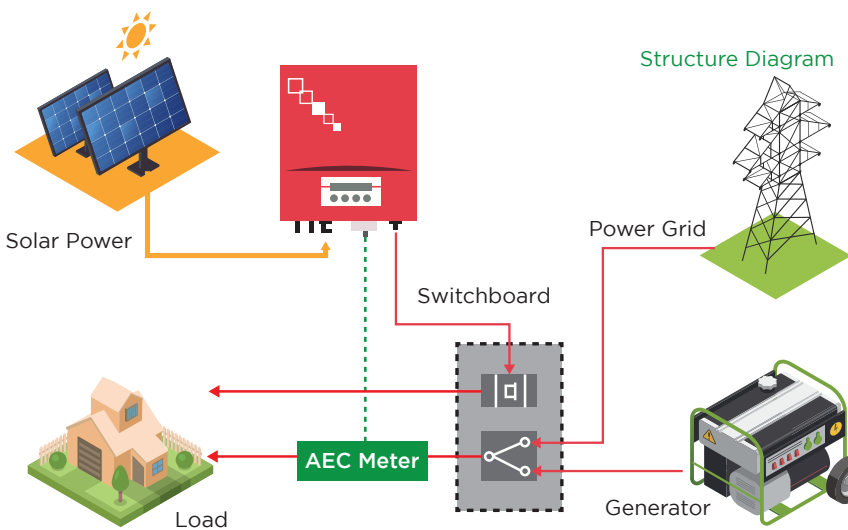
Selfnergy Series Solar Inverter

Allis Electric Selfnergy Series Solar Inverter is designed for areas which have long distance power transmission and utility distribution challenges.

The Selfnergy series solar inverter is easy to install without needing to modify facility distribution panel. It could create a self-use system simply through AEC smart meter, CT measurement and control of the inverter.



The design of the Selfnergy system is simple and easily applied with various kinds of load. Furthermore, Selfnergy system can parallel applied with diesel generator within developing countries, or regions in which utility network are still under construction. See the diagram below for detail explanation:



Considering adaptability of the inverter installation environment, the Selfnergy inverter has special module design for high power heating component; therefore even without a fan, the inverter can operate at 55°C without power derating through natural cooling, and could also achieve IP65 waterproof/dustproof level. In addition, the natural air cooling design has the advantages of low maintenance and increase of product lifecycle. It is particularly suitable for regions needing micro-grid total solution in tropical and island countries.

Product Application



Regions Utility Network Still under construction

It is allowed to directly connect with diesel generators within these regions.



Green Power Equipment

Directly connect with solar power or other green energy source and transfer to AC power.



Connect with Diesel Generator

Could connect with utility network and the diesel generator at the same time without needing further settings.



Various Harsh Environment

Through natural cooling without additional fan, it is able to operate at 55°C environment and achieve IP65 waterproof/dustproof level.

