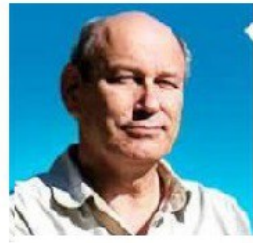




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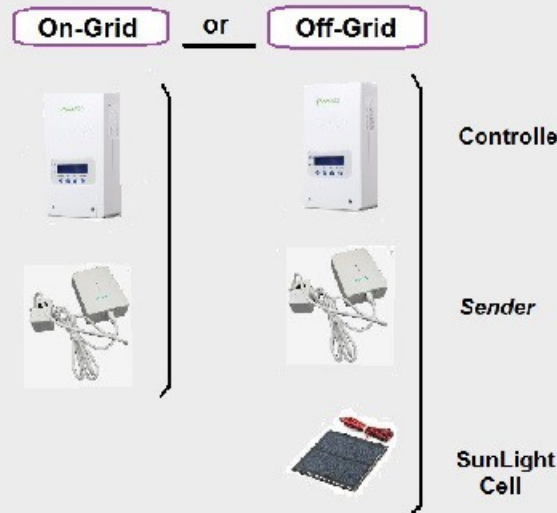
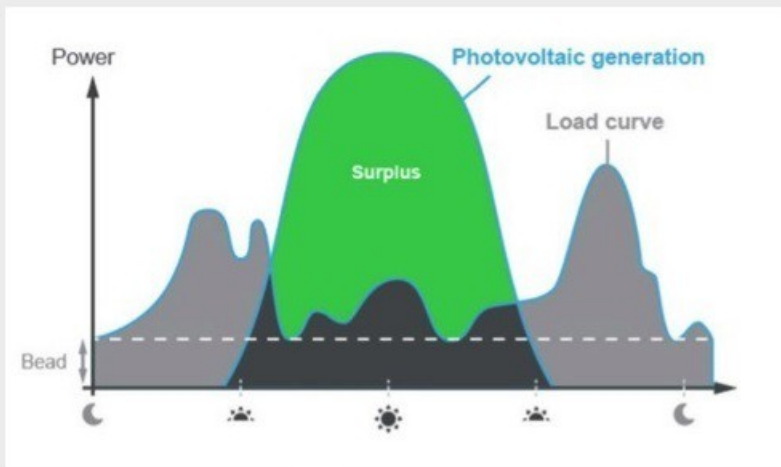


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INNOVATION IN THE FIELD OF SURPLUS MANAGEMENT OF PRODUCTION OF PHOTOVOLTAIC GENERATORS

*While it is becoming more and more important to save energy, two French engineers file a clever patent that will allow the management **boxes of surplus solar photovoltaic production** to become compatible with all types of environments and inverters whether in **On-Grid** or **Off-Grid** mode.*

*In addition, the two engineers affirm that it is possible to easily transform the photovoltaic production surplus management units which only work in **On-Grid** mode so as to make them compatible with an **Off-Grid** environment !*

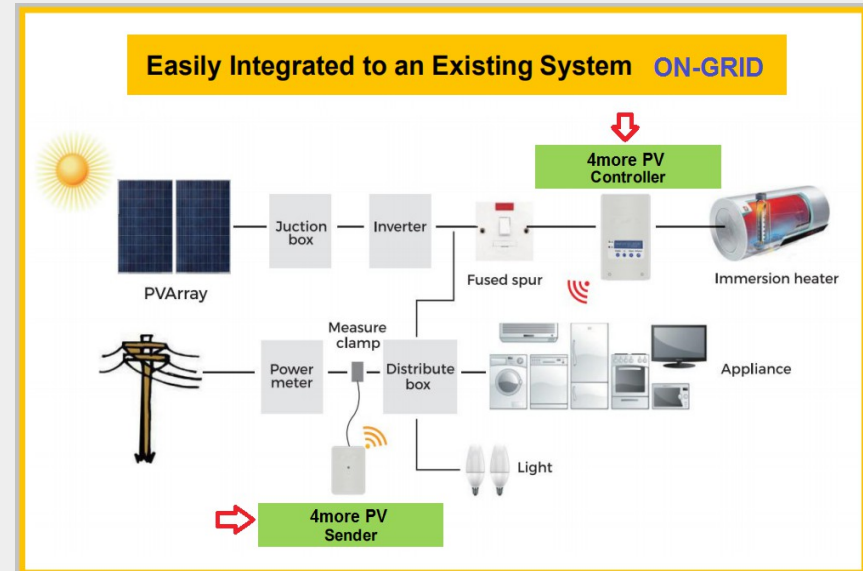
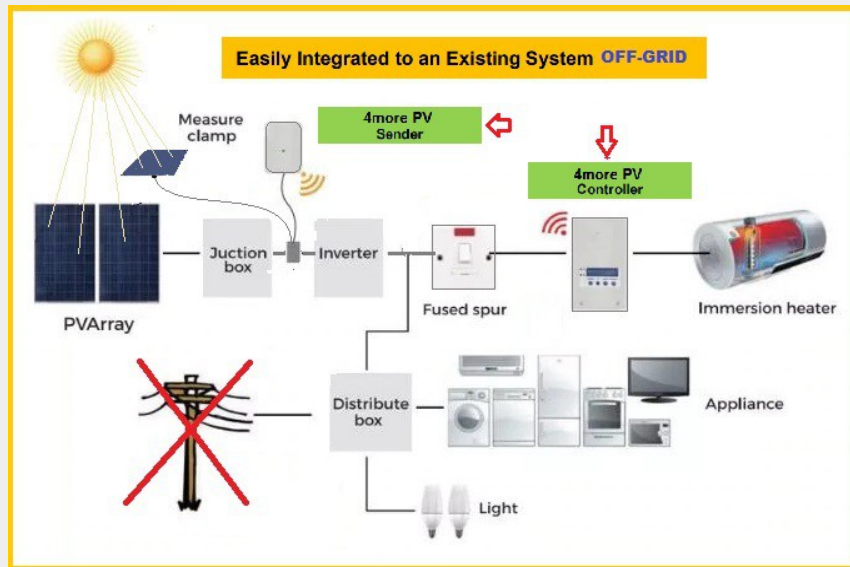


**An opportunity
for manufacturers
of management boxes
surplus production
photovoltaic !**

*Operating licenses
of the 4morePV patent
are still available
in France and abroad*

4morePV is an innovative device, protected by an international patent which makes it possible to measure the surplus solar energy of a photovoltaic generator, and to direct it (**Controller**) via a wireless command (**Sender**) towards storage applications, water heater (**immersion heater**), or the production of atmospheric drinking water! ...

The installation of the two **4morePV** boxes is easy, even in an Off-Grid installation (on an isolated site without electrical network or in self-consumption without reinjection into the network). The maximum power is defined by the connected device and is equal to 3 kW. But it is possible to put several **4morePV** in parallel if the electrical network of the house allows it.

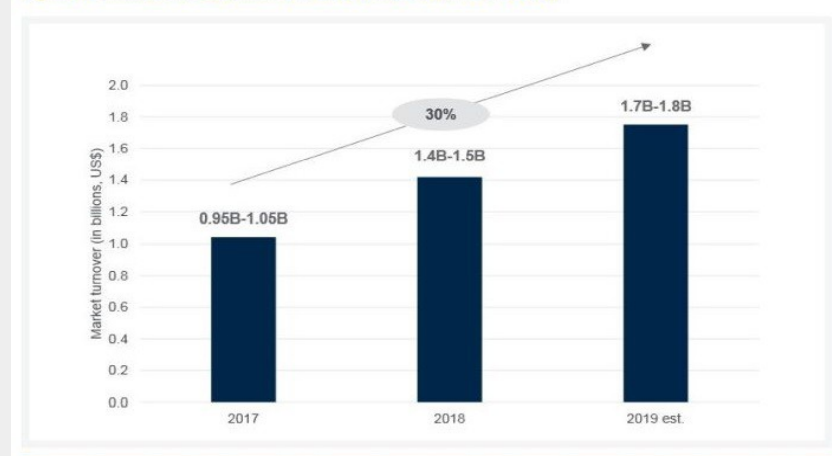


Global Off-Grid Solar Market
A business opportunity for distributors
of the 4morePV box



“The off-grid solar industry is essential for achieve universal access to electricity. We are intensifying our support to African countries by helping them to take advantage of this potential thanks to innovative solutions ...”

Figure 1: Estimated OGS Annual Market Turnover (2017–2019 est.)



**List (non-exhaustive) of photovoltaic production surplus control units
which do not work in Off Grid
which therefore work exclusively with an On Grid network connection**



HELIOS



Solar iBOOST



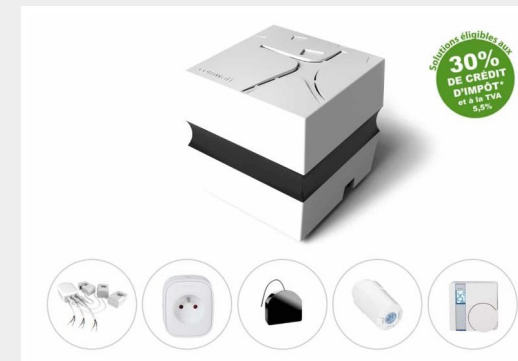
Fronius Ohmpilot



Immersun



SOLIC 200



COMWATT

**List (non-exhaustive) of photovoltaic production surplus control units
which do not work in Off Grid
which therefore work exclusively with an On Grid network connection**



ERS Mini



ERS Pro



SolarImmersion Mark IV seulement 229 €

Solar Immersion



PV Mate



Eddi

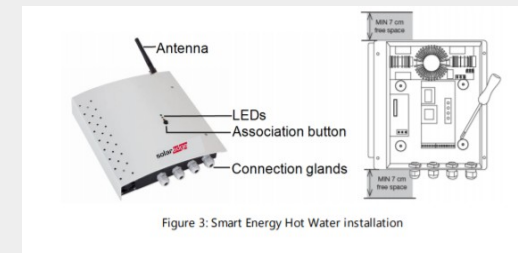


Figure 3: Smart Energy Hot Water installation

Solar Edge

**List (non-exhaustive) of photovoltaic production surplus control units
which do not work in Off Grid
which therefore work exclusively with an On Grid network connection**



**Apollo-GemC-Wireless-Solar-PV
Immersion-Heater-Controller**



MyPV Power Manager



Optimise pv Manager Wireless



Optimmersion



DIMPLEX



POWERDIVERTER

**List (non-exhaustive) of photovoltaic production surplus control units
which do not work in Off Grid
which therefore work exclusively with an On Grid network connection**



Solarandheatstore



Mehome

