

Specific configuration for battery which is connected to solar power plant where we have over-production or low buy rates for our produced electrical power

Original text as published before the redesign of this article. Wording unchanged.

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In our house with an electrical power plant, we have over-production of our electrical power or weak buy rates for our produced electrical power. In this case, we would like to be as self-sufficient as possible and we would like to store our electrical power in our battery when we are over-producing, which will be used later when our production is not high enough to cover all the energy currently used in our object – house.

Dischard Soc Min	Default: 0%	We do not want to discard the battery if the battery state is lower than 20%.
Charge Soc Max	Default: 100%	We do want to charge the battery if the battery state is over 80%.
Dischard above Current – L1, L2, L3	/	When the current consumption is over 0A – this means we have active devices which are consuming electricity in the house.
Charge Bellow Current – L1, L2, L3	/	When the electrical current is below 0A and we could start to sell our electrical power to the main electrical grid, we start charging our battery due to low buy prices for our produced electrical power.
Dischard Above Power Active	/	We start to discard the battery when the main power on our main meter is over 0kw.
Charge Bellow Power Active	/	We start to charge the battery when the power is lower than 0KW on our main meter – lower than 0KW means we are selling our electricity to the main grid as we do not have enough devices in our house that would consume all produce electrical power from the solar power plant.
Affects Main Currents	/	Does the battery current go over the main meter or not? This means that our main meter is connected to the battery and the current over the battery will affect the main meter