# Stationeers solar panel automation Malta

Hi, I was wondering if there was some easier way to set up solar automation, or if there"s is a guide out there for an idiot/noob like me? Assume I don"t have an engineering degree and I don"t know anything about logic circuits, or functions, and my math sucks.

The Solar Panel generates power by absorbing sunlight, depending on solar intensity, up to 500W per panel on the moon. Can be manually rotated using a Wrench . Can be built in two configurations, one with opposite side split power/data ports, or two with same side combined power/data ports.

Place the Daylight Sensor facing up, note which direction the Data Port is facing, and which direction the solar panel Power Port is facing. These two directions are needed in the code. The Daylight Sensor is connected to the d0 screw, that"s all you need.

Just started up a save on Europa and was also figuring if the solar panels will give us output to use rotation of the panels on the Z-axis (I guess) to follow the sun. In moon saves we have a constant vertical stick of the sun, now we need to calculate in ...

Are you using the 1 or 2 port solar panels? Solar panels need power to go to their data port in order to move. With the one port panels, while they have power going through them, they will have the power they need to be able to move.

I did 2-axis solar tracking as my first logic project. I recommend the tutorials from Cows Are Evil as well. I still found that I had to fidget around a bit to get it working, but it all helped me learn the process and the mechanics.

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In the full version, the solar panels behave correctly. In a simplified version, the angles go into minus and at sunrise the panels lose a certain amount of energy due to incorrect behavior. Install the daylight sensor outside on the wall (towards the sunrise) and connect it with a data cable.

Solar panels should be rotated such as that 0% VERTICAL rotation faces west/sunrise, and 100% VERTICAL faces east/sunset. The Area Power Control is necessary for the circuit to stay powered during the night. Importantly, the solar input power doesn"t directly connect to any of the logic writers.

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Posting my simple Solar tracking Script for Mars, that could be used as a boiler plate. I used the tweak posted in this thread to optimize it. The Script is for the Solar panel with a single combined port for data and power.

Web: https://www.foton-zonnepanelen.nl