

# Svalbard and Jan Mayen stationeers solar panel automation

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Exact 2 Axis Solar Panel Controller for Mars (Ecliptic Sol Path) I am sure there are good solutions out there but I found nothing really usefull. Most are outdated or inaccurate or have other disadvantages so I sat down and solved that problem by ...

You can mix and match different types of solar panels (dual port, single port, standard, heavy duty) and it'll handle them all. Login Store Community ... Stationeers &gt; General Discussions &gt; Topic Details.  
JeanDeaux. Aug 17, 2023 @ 3:14am Updated 2 axis solar tracker I've updated my IC10 programming for the new IC update, adding a bit more ...

Thats the setup i use, super easy to build and any new solar panels just needs to hooked up by cable and it will automatically start tracking. I have 17 solar panelts going right now all running off of those 4 chips, i just hooked up 6 more panels in maybe 5 mins and thats including having to go back and build a few more cable coils.

When i wired my console back into the loop, after successfully setting up the automation circuit, the control panel took control of the solar panels again and over rides the automation circuit. I just want it to display the total power being ...

5 Solar panels all manually separated by 20 degrees vertically, horizontal to the sunrise. This has taken care of all my power needs. If I need more power, I spend 5 seconds, 3 of those crafting the panel, and the other 2 constructing it at the ...

Go to Stationeers r/Stationeers ... Hello! My solar panels are set up like wings from my base a little bit off the ground. I am not sure if i want to keep expanding or make some type of ground based field that is more or less a square or rectangle shape. What have others done, and do you think you lose a lot of power when having them in front ...

A quick FYI too is the orientation you place the sensor (on the ground/wall, facing north/east/south/west and which direction it's connection faces) will give you different readings. Same with the solar panels themselves depending on the orientation of their connection means it will move differently.

Tear up the solar panels and replace them. Double check the port alignment when you place them down. If that doesn't work, grab your tablet and the network cartridge and check the power cables for anything that seems abnormal.



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The crazy thing about solar tracking is that the sensor gives an output in degrees (out of 360 degrees) but the solar panels don't. This means there needs to be a maths conversion to get the right numbers. Also, the value output from the sensor is dependant on the position it is installed.

So a Vertical value above 90 means it's night time and a good time to Park the solar panels. Parking the solar panels right now should always be done by facing them towards the East, but due to the reason below, this could change in the next update. Here is an example to show how strange things are right now.

Steam Community: Stationeers. Automating solar panel using logic circuits in today's episode of stationeers on Mars. Mining stuff, learning how to use logic circuits, batch writer and the likes to set up solar panel automation. W

It's the solar panels that have the adjustable mount (for tracking the sun), just the broken model for them. Storms on Mars (beta branch) can rip the glass off solar panels, or if the storm lasts ...

At the moment i use logic circuits (no computer) with the following setup:  $(\text{Solar Angle} - 15) / 1.5$ , max 99 If Panel Charge  $\geq 300$  send calculated panel angle to panels else ...

Right now it's just a pain to rush to heavy panels and tedious to manually repair until then. Or build a green house which shrinks resources but doesn't add to much challenge. But a cleaning mechanic would mean no long term damage (frustrating) but the possibility of a black out (panels are dirty and don't generate) with some logistical ...

5) The result sent to the input of the batch writer. Out type - solar panels. The resulting number is sent to set the angle of the panels (out var). Turn on all the logical elements by clicking on the red light bulbs. If they change to green, then they working. Now the solar panels will produce the maximum energy! For version: 0.1.1089.5513

For 2-axis (all you need on moon) you just put a sensor vertically, facing sunrise, rotate panels to the same direction, and use 1 logic reader and 1 batch writer. Since the update, input vertical ...

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One takes input from ReadHoriz and outputs to the solar panels horizontal aspect, the other takes the input from Selector, and one will output to the solar panel's vertical aspect. I find that this gives me 98% plus solar panel output for most of the day, ...

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. ...

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