Stationeers solar panel automation Montenegro

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. The Daylight sensor is orientet with the Angled part (rounded) pointing to where the sun comes up.

Solar control lets you remotely control the angle of any Solar Panel connected to it. Solar control needs to be installed in a Console and connected to the network input of the Solar Panels you wish to control. You"ll need to use a Data Disk to tell the Solar Controller which Solar Panels you want to control. The Solar control Circuitboard ...

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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.

Kit (Solar Panel Basic Heavy) don"t have logic inputs. Kit (Solar Panel Heavy) have logic inputs. Positioning . Pay close attention to the positioning of your solar panel since their automation will depend heavily on it. Most user-made scripts and guides orient the panels with the data port facing sunset and the power port facing sunrise. Notes

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. ...

Solar tracking using Logic Chips Six-chip dual-axis tracking . To get a "100%" accurate solar tracker on planets with an offset solar arc, you need to include the Horizontal component to the solar angle. What you need: Kit (Logic I/O) x4; Kit (Logic Processor) Kit (Logic Memory) Kit (Sensor) > Daylight Sensor

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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I hope they will introduce an "advanced" solar panel that can track the sun automatically on its own. Maybe have it unlocked by research, and require an advanced printer with high end materials. That would be ideal!

Logic Reader = Daylight sensor (solar angle) Logic Processor set as Logic Math. Input 1 to Logic Reader, Input 2 to Memory and set Logic Math to divide (divide input 1 by input 2) Batch writer set input to Logic Math, output to Solar Panel(s) type vertical. At least I think that"s your setup.

Write Horizontal setting to solar panels # -2045627372 = solar panel with on combined port # for data and power sb -2045627372 Horizontal r0 #suctract 90 from Vertical angle and write to #solar panels. sub r1 90 r1 sb -2045627372 Vertical r1 #repeat loop j start--- ...

* Scans network for all tracking capable solar panels! * Fully compatible with mirrored solar panels! * Plug-n-play configure-less operation! * Rest-at-night so your panels are always ready to generate power in the morning! * Maintenance mode! * Color coded power and efficiency display outputs! * Readable state for expandable automation! Required:

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. With the two port, you can either route the power back to the data port from the output of the batteries or have an APC siphon power before the station ...

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.

As others have said, you need to use logic chips. Check the unnofficial wikki Solar Logic Circuits Guide.The simplest is the: "4-chip 1-sensor 1-axis Approximate Solar Tracking" which is appropriate for the moon and space as ...

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