Changing the Seasonal Tilt of Your MT Solar Pole Mount

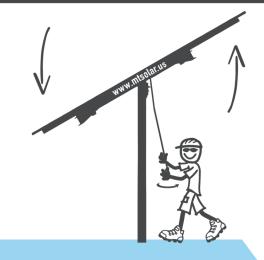


How to Use the Manual Tilt Adjuster

Turn the crank handle or socket extension (depending on your model), to increase or decrease the tilt angle.

If you're adjusting a multi-pole mount, make incremental adjustments at each pole until you reach the ideal angle for the season.

To optimize your solar mount's energy generation, MT Solar recommends adjusting its tilt each season.



Spring

Set the tilt angle so it matches the latitude.

Angle = Latitude

Summer

Decrease the tilt angle by 15 degrees.

Angle = Latitude - 15°

Fall

Set the tilt angle back to the latitude.

Angle = **Latitude**

Winter

Increase the tilt angle by 15 degrees.

 $Angle = Latitude + 15^{\circ}$

How do you find your mount's tilt angle?

If a tilt angle indicator was added to your mount during installation, you can read the angle directly from this device.

Even without this addition, you can keep track your mount's angle using a digital or analog angle finder. Choosing a magnetic option and applying it to the H-frame is a convenient and effective way to identify your mount's tilt angle season after season.

How to find your latitude.

You can find it using NOAA's Lookup Latitude / Longitude tool. You can also find your location on Google Maps and right click. The latitude is the first number that appears at the top of the pop-up window.