These guidelines are meant to maximize the performance of the unit.

STEP 1: Determine Mounting Location

Device should be mounted with the solar panel facing up on a flat horizontal surface that is perpendicular to the sun with a clear view of the sky

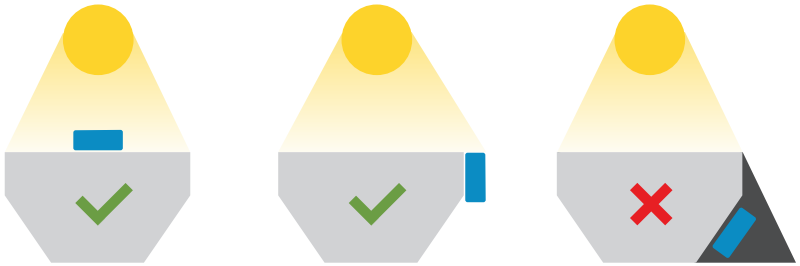
- Device can be mounted sideways, but this can negatively affect the charging rate of the device
- Secure with double-sided adhesive tape and/or screw directly to the asset

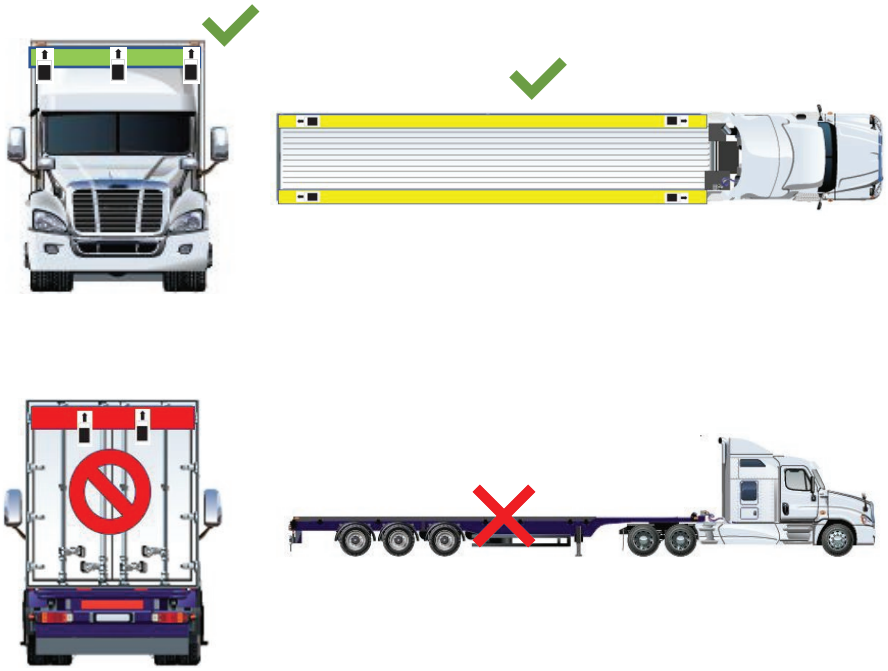
If using double-sided adhesive tape:

- Surface must be clean, smooth and dry
- Ambient temperature must be above 10°C/ 50°F
- Apply at 80lb (350N) force to the asset for a minimum of thirty seconds to achieve full bonding strength. Tape is generally 50% cured after 20 minutes, 90% after 24 hours and 100% after 72 hours.
- Failure to adhere to these instructions could lead to the device becoming detached from the asset in the field

If using screws:

- Use existing mounting holes with included screws
- **DO NOT** over-tighten screws as they will crack the base (DO NOT exceed 1.2 N.m (10 in.lb) torque)





STEP 2: Testing the Device

IMPORTANT: Always be sure to test the device BEFORE sending the asset into the field

a) Ensure the asset is outside so the TT-IoTSolar has a clear view of the sky
b) Allow sufficient time for the device to report at its pre-programmed interval
c) Login to the Titan GPS platform to confirm device reports at the programmed interval at your location

Questions?
We're here to help!

1.855.287.4477

8AM - 5PM Monday to Friday MT

SOLAR DEVICE CARE AND USE

To ensure proper operation and longevity of this device, please see below;

- Ensure clear plastic is kept free of soil or debris to maximize battery charging capacity
- If the clear plastic covering of the solar panel becomes cracked, the device should be replaced as it will likely no longer charge properly
- Solar panels produce the most electricity when they are perpendicular to the sun
- Shading and weather conditions may negatively affect the charging of the batteries from the solar panels
- If the batteries are fully depleted, it can take up to 60 hours of direct sunlight for them to fully recharge.
- The device requires 4-5 hours of daily sunlight to ensure battery is optimally charged
- The device should provide up to 10 years of maintenance-free operation based on adequate sun exposure to recharge the battery pack