# The Value of Terrasmart Ground Screws

Save time. Save costs. Reduce risks.



Terrasmart's ground screw solutions bring unique reliability in challenging conditions, opening new opportunities for ground-mount PV. Known as one of the first providers of best-in-class ground screw foundations in the U.S., the depth of our engineering and field expertise, coupled with an integrated ground screw and racking portfolio, delivers unique value and LCOE advantages.

#### **Our Secret to Ground Screw Success**

## Unmatched Experience

- Our team members have industry-leading experience backed by a 15-year track record of successfully installing 2M ground screws across 5800+ projects
- From design, screw, and racking installation, our teams perform all aspects of construction on a project with a track record of delivering on time and within budget

## Speed and Accuracy

- You can trust our field installation with a vast fleet of proprietary machines that deliver precision and are 1.5x faster than market alternatives
- Each machine is operated by a seasoned crew that pre-drills every foundation for more predictable project execution

## Subsurface Expertise

- Bring on the rough terrain we've installed in terrains including clay, ledge, rock, silt, sand, glacial till, decomposed granite, volcanic rock, coral, and more
- We know first hand –
  we've completed 11,000+
  pull tests in 40 states
  and two countries

#### Quality Product

- Rigorous quality and testing standards applied to our ground screws
- Co-developed screws based on our deep field and engineering experience

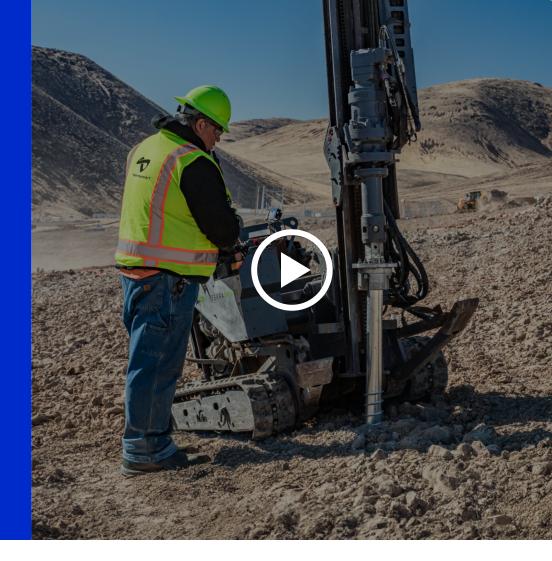
#### **The Terrasmart Difference**

1	Value Engineering With six different sizes and varying thread profiles, we value-engineer the screws to fit the conditions of your site – no matter how extreme
2	Zero Refusal Risks We cover 100% of the refusal risk so there are no hidden costs, project setbacks, or schedule risks
3	Faster & Higher Quality Build  We verify torque capacity during a screw's installation phase, as opposed to ahead of construction, resulting in a more efficient installation process
4	Superior Product Integration  Our innovative portfolio of fixed racks and single axis trackers are designed to integrate with screw foundations
5	End-to-End Solution  You get fully wrapped solutions that include system design, manufacturing, surveying, pilot-hole drilling, installation of foundations, racking, and modules

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It would be an understatement to say that we were impressed with Terrasmart's efficiency on this project. From the initial pre-construction meeting to project close-out, it has been a most pleasant experience. I have never witnessed such an efficient installation in all my years of building solar projects. Everything was completed in a clean, organized, safe, and professional manner."

 ReVision Energy referencing the build of an extremely rocky solar site in Maine.
 Terrasmart installed 80% faster than the industry average.





#### **Experience Equals Speed**

From design, screw installation, and rack construction, our experienced teams perform all aspects of the project, delivering on time and within budget



#### **Seamless Integration**

Our integrated screw and rack solution takes component compatibility issues out of the equation. We own the entire process to limit risks and minimize warranty claims

### Strong Partnerships. Results that Last. Better LCOE.

Our integrated material and installation solution means fewer surprises, schedule slips, and change orders – all of which lower overall installation cost. Backed by Gibraltar, an NYSE traded firm with a 50+ year track record and strong balance sheet, we deliver the confidence needed for your system's 20+ year lifespan.

Get ahead with Terrasmart as your partner with the responsive, expert project dedication that results in faster execution, fewer headaches, and stronger performance.



Talk to our experts