Helical Ground Screw Piles

SN-GS Series

Hot-dip galvanized carbon-steel screw piles for ground-mounted PV foundations.





Key features

- Thick hot-dip galvanized zinc coating for corrosion protection
- High-strength carbon steel shaft
- Adjustable, small-blade and large-blade pile types
- Choice of flange plates to suit the racking
- Suited to sandy and clay soils
- Fast installation without concrete curing

Applications

- Utility-scale ground plants
- Agrivoltaic and commercial ground arrays
- Sites where concrete foundations are impractical

Specifications

Installation Site	Ground-mounted PV plants; sandy and cohesive (clay) soils
Material	Carbon steel, hot-dip galvanized
Tilt Angle	N/A — foundation component
Foundation/Fixing	Helical screw pile with top flange plate
Pile Types	SN-GS-A adjustable pile · SN-GS-S small-blade pile · SN-GS-L large-blade pile
Flange Options	Multiple flange plate designs to match the mounting structure
Shaft Diameter / Length	To be confirmed per drawing
Zinc Coating Thickness	To be confirmed per drawing
Pull-out / Load Capacity	Site pull-out test recommended; values to be confirmed per project
Packaging	Bundled and strapped on pallets
MOQ	Confirmed per project
Lead time	Short production lead time; confirmed with quotation

Values marked "to be confirmed" are finalised on the order drawing. Specifications may change without notice. Request the drawing and test reports for your project.

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