

Introduction

OS Pile Ground System is designed for large scale commercial and utility PV systems on non-soil ground, suitable for both framed and frameless module installation. Open Post can be pile into the ground 1-2 meters by piling machine quickly, then Al-Beam structure and B-Rail with clamps can be easily mounted onto the system. Our mission is to simplify your installation and ensure the structure safety.



Benefits

Easy Installation

Parts have been pre-assembled at factory to save your installation time.

Safety and Reliability

The structure is designed and tested strictly against the extreme weather simulations.

Flexibility and Adjustable

Smart design reduces the difficulty of the installation in most conditions.

10 Years Warranty

Ossus provides a 10-years warranty for the material and structure.

Technical Information

Install Site	Open Field
Max Wind Speed	up to 60m/s
Snow Load	up to 1.4KN/m ²
Module Type	Framed or Frameless
Module Orientation	Portrait
Rail Material	Anodized Aluminum
Post Material	Hot-dip Galvanized Steel
	Post Height Deviation: 10mm
Adjustability	Post Angle Deviation: 2°
	Post Verticality Deviation: 2°
	Pile Driving Depth: 1000~2000mm
Soil Condition	Non-Sandy

Introduction

OS Pole Mount System is designed to install solar panels on a single pole. According to different conditions, several kinds of solutions are available. OS Pole Mount System takes the importance of safety and duration. The systems have been engineered and tested to comply with the structural mechanics standards. Material used include hot galvanized steel and anodized aluminum alloy, with high quality anti-corrosive coating suitable for outdoor applications.



Benefits

Easy Installation

Integrated Design with the support pole to minimize time and cost of installation.

Steady and Safety

Designed and tested in according to the structural mechanics and construction standards.

Excellence Duration

All the material selected have high quality anti-corrosion protection.

Great Flexibility

Tilt angle can be adjusted according to the actual criteria quality for the projects.

Install	Open Field
Tilt Angle	10deg~60deg
Building Height	20 meters
Max Wind Speed	Up to 60m/s
Max Snow Load	up to 1.4KN/m ²
Standard	AS/NZS1170 and other
Post Material	Galvanized Steel
Rail Steel	Anodized Aluminum
Warranty10	10 Years Warranty