

Agricultural Greenhouse / Solar greenhouse

Agrophotovoltaics Solar Mounting Structure For Farmland



Macsun Solar has built various types of farm sheds such as rain shelters, sheds, greenhouses, greenhouses framework, smart greenhouses, etc., we are also equipped with multiple advanced production equipment such as pipe cutting machine, pipe bending machine, pipe shrinking machine and drilling machine and so on. It has intelligent robot welding equipment and various professional production equipment such as punching machine, pipe cutting machine, pipe bending machine, tube shrinking machine and porous drill.

Material	AL6005-T5, SUS304, Q235B
Max Wind Load	60m/s
Snow Load	1.5KN/m2
Treatment	Anodized 12micron



Products Description

Glass Greenhouse Abstract

1. Glass greenhouse is a type of greenhouse covered by glass as lighting materials, which belongs to a kind of greenhouse and in cultivation facility, the glass greenhouse has the longest life, which is suitable for use in a variety of areas, and all kinds of climate conditions.
2. In the greenhouse industry, according to the size of the span and width, it is divided into many construction types, and with different using ways, it is divided into: vegetables glass greenhouse, flowers glass greenhouse, seedling greenhouse glass, glass ecological greenhouse, research glass greenhouse, three-dimensional glass greenhouse, special-shaped glass greenhouse, sightseeing glass greenhouse, intelligent glass greenhouse and so on.
3. Greenhouse owners are free to deploy in the area and the way of use. The minimum one is garden greenhouse and the maximum one has the height of up to 10 meters, span of up to 16 meters, width up to 10 meters, and the intelligent degree may achieve a key control.
4. The winter heating system of glass greenhouse can be used in many ways.

Glass Greenhouse Application

1. planting vegetable, for example, tomato, cucumber, pepper, chilli, leaf vegetable, etc.
2. planting flower.
3. planting fruits.
4. soilless culture.
5. agriculture trial.
6. as restaurant
7. for sightseeing

Glass Greenhouse Composition

1. steel structure
2. roof cover
- 3 sides cover
- 4 outer sunshade system
- 5 inner sunshade system
- 6 inner warming curtain
- 7 cooling system
- 8 heating system
- 9 drainage system
- 10 ventilation system
- 11 irrigation and fertilization system
- 12 control system
- 13 light compensating system 14 seedling bed system
- 15 soilless culture
- 16 the other equipment



Necessary information for us to design and quote:

1. The dimension of the solar panel: _____(Length*Width*Thickness) BIPV or normal Solar Panel?
2. How many solar panels do you plan to install for the project? _____ pcs.
3. What is the tilt angle for solar panel?: _____ degree.
4. Could you pls give us the layout of solar panel array? if not, pls tell us the size (Length and Width) of your installation site?
5. How tall is the lowest height from the solar panel to the ground? _____ mm
6. What installation orientation for solar panel? _____(Horizontal or Vertical).
7. What's wind speed and snow load? _____m/s anti-wind speed and _____KN/m² snow load.
8. Which foundation you need for your coming ground mounting system? _____(ground screw/concrete/pile/pole)
9. If you can, please tell me Latitude and longitude of your installation site.
10. The length and width of Farmland; What kind of crops? What transmittance?







