

Instruction Manual for Solar Power Supply System

A. Matters needing attention

1. Must be used in the outdoor environment, without shelter under the sun all day (if the solar panel has a small area or shadow shelter, it will seriously cause the charging efficiency is greatly reduced, no power storage, unable to charge);
2. In the process of installation, transportation, use to avoid hard objects scratch, fall, pressure, fall, impact of the main support; Especially the solar panel for fragile products, can not withstand any fall, pressure, fall, impact, bending stress, otherwise may cause glass broken.

B. Installation steps

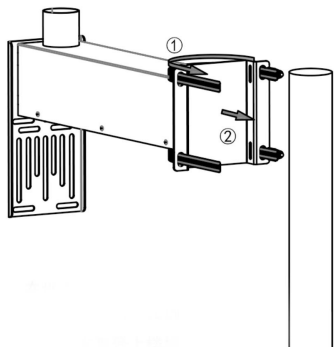
B-1: Preparation

I. Unpacking and assembly location selection: The unpacking location should be near the installation location to facilitate handling and transportation after assembly. In addition, the installation floor should be covered with soft cushions to prevent scratches, dust, water, etc., to prevent abrasion, scratches, and stains caused by bumps on the ground or small stones, fine sand, stains, dust, and mud.

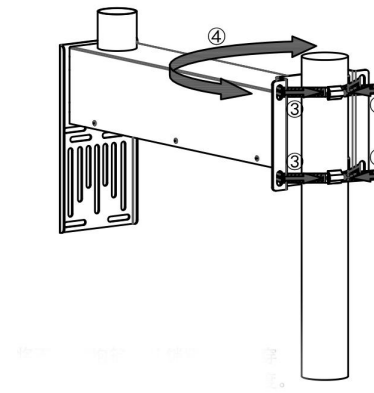
B-2: Solar module installation

I. Unpack the package from the carton, take out the solar panel, main body bracket, accessory screws, etc.

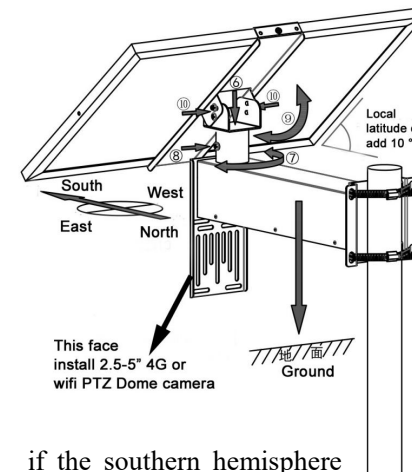
II. First select the installation location and place it in an outdoor environment with no shade under the sun. The fixed object must be installed on a pole, column or wall that can bear the weight of the product.



1. On the ground, pass the stainless steel hoop through the back of the bracket and back from the front.
2. Carry the bracket up the stairs, put the bracket base close to the pole, and install it on the side of the pole at a suitable height. (APPLY model: SP4020, SP6030, SP8030, SP8040 etc model)



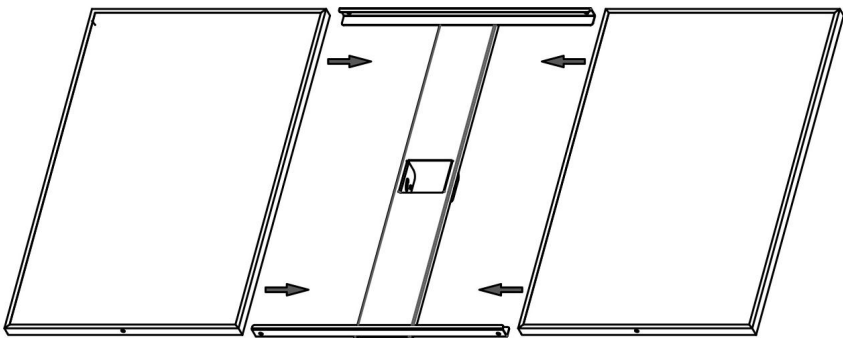
3. Lock the stainless steel hoop on the pole with a Phillips screwdriver (support rotating bracket body).
4. Rotate horizontally to adjust the body of the bracket so that it faces the equator. (Northern hemisphere area facing north, southern hemisphere area facing south)
5. Make sure the bracket remains level, and finally lock the hoop. (Cannot be rotated and moved)



if the southern hemisphere area faces south
if the northern hemisphere area faces north

6. Put the photovoltaic panel module into the round tube from top to bottom.
7. Rotate the round tube to face the front of the photovoltaic panel due south or due south by 10 degrees (if the southern hemisphere area faces south, if the northern hemisphere area faces north)
8. Lock the screw Pm6*8 that fixes the round tube
9. Rotate the photovoltaic panel towards the equator, perpendicular to the local latitude.
10. Lock screw to fix the tilt angle of the sun panel.

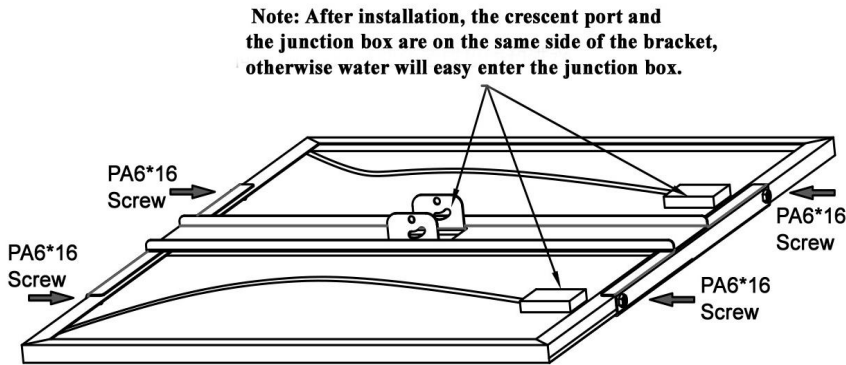
III. Double solar panel assembly (single solar panel model without below steps)



Slide the two solar panels (black side face up) from either side of our fitted bracket. Installation diagram After aligning the screw holes on both sides, lock the fixing screws (PA6*16 screw*4pcs fixed).

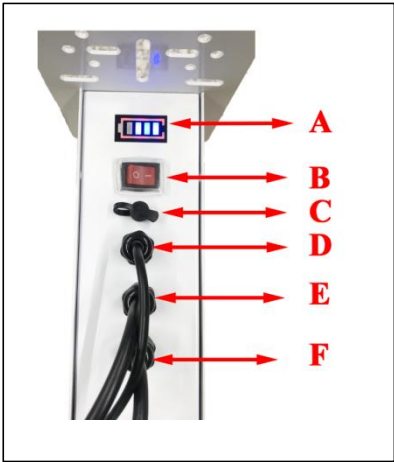
Important note: Each board should be aligned when sliding in, up and down at the same time, otherwise it may get stuck!!!

APPLY Model: SP8030/SP8040 etc



C. Connecting plugs and equipment

- 1.The male/female plug wire of the solar panel is correspondingly inserted into the connection (note that the male and female plugs are inserted in the direction). cap.
- 2.If you need an external charger, you need to use a DC12.6V/2A~5A charger to fully charge the battery.



- A-Battery level digital display
- B-Battery switch
(when install solar power, battery switch must press from “O” to “-” , let battery switch open)
- C-DC12V Power charging port
- D-DC12V out connect to camera
- E-Solar power charging connect
- F-Solar power charging connect
(ALL Series have 2 DC12V output Cables)

- 3.After connecting and arranging the patch cords, you can wrap a few times with waterproof tape around the plug connection to prevent water ingress and rust.

D. List of components and accessories

Mode	Main component		Accessories specifications and dosage					
	Bracket	Solar Panel	Hoop	Screw	Screw	Nut	Screw	Gasket
			0-200m m	Pm6*8	Pm4*25	M4	PA6*16	4*9*1
SP4020	40CM	1set	2	1	4	4	*	4
SP6030	40CM	1set	2	1	4	4	*	4
SP8040	40CM	2set	3	1	4	4	4	4
			Fix Pole	Fix Tube	Fix Camera	Fix Camera	Fix Panel	Fix Camera