

## **SolarPod<sup>®</sup>™ Grid Tied Installation sequence**

There will be one package (or palette) of materials. This palette contains six sections (A1, A2, A3, A4, B1 & B2). A1, A2, A3, A4 are top panel portion and B1 and B2 are bottom portions.

1. We will connect the B1 and B2 using the leg brackets. Secure the bolts and tighten. Splice bar shown is not necessary for most applications and is placed only in hurricane prone regions. The closeup of the splice is shown below. If you require splice bars for your application please call SolarPod<sup>™</sup>.



2. Then the six feet's will be attached to the bottom portion (B1 and B2) as shown below and tighten.



3. The ground is prepared using six patio blocks and leveled.
4. The SolarPod<sup>™</sup> bottom frame is placed on the patio blocks. The Easy hook anchors are driven into the four corner leg plates anchoring them securely. Use additional ways to secure the leg to the ground or roof if you feel it is necessary.
5. Join A1 and A2 using the plate ("T") joint provided. A1 can be identified easily since it is the only solar panel with cable that has been coiled and tied to the frame.
6. Join A3 and A4 using the plate ("T") joint provided.

7. A1 & A2 will then be attached to the B1 side of the bottom portion through the hinge nut. Closeup of the hinge is given below. Tighten the hinge. (A1&A2 is the panel top half with coil of wire)



8. The A3 & A4 will then be attached to the B2 side of the bottom portion through the hinge nut. Attach the hinge as in (7) above.



9. Then the "A1 & A2" AND "A3 & A4" will be connected using the splice bar (flat 4 hole plate in the box). There are two splice bars given in the box with hardware.



10. Two grade 8 "gold" bolts are used to fasten the telescopic legs to the appropriate tile angle. Now the whole SolarPod™ is all mechanically connected.
11. Now the electrical portion begins.
12. The A1 section has wire coiled up. Release this coil by cutting out the tie wrap. Extend the wire all the way towards A4. Using the tie wraps provided, secure the wire to the frame. Ensure most of the cable is tucked underneath the metal frames.
13. Connect the three micro-inverters in A2, A3 and A4 as shown in A1. Push all the way to ensure that the connection is secure and tight.
14. Then we run the wire from the the facility using the four wire 240V / 30A adapter.
15. Connect the adapter to a dedicated 20A two pole circuit breaker and you are making solar power.
16. Run #6 ground wire through ground lug provided and use a ground rod appropriately distanced to ground the SolarPod™ Grid Tied.