ET SOLAR AC MODULE QUICK INSTALL GUIDE

REVIEW ALL SAFETY INSTRUCTIONS BEFORE YOU BEGIN.

For more detailed information on the installation and use of these products, review the complete installation manuals.

COMPONENTS OF ET SOLAR AC MODULE

The diagram below identifies the various components of an ET Solar AC module.



- 1 Pantheon ${\mathbb R}$ II microinverter
- Module's junction box
- Insulated AC cable, which contains an equipment grounding conductor (EGC)
- 4 Mid-cable junction
- 5 AC cable connector



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- 1. Attach cable clips to the frame as needed and secure cable in clips.
- 2. Remove one serial number sticker from the mid-cable junction and place it on the array map.



- 1. Remove the protective cover from the transition cable and attach the cable to the transition box per NEC and local standards.
- 2. Plug the first module into the connecting cable. Continue connecting subsequent modules to the end of the row.
- 3. Use an extension cable to connect rows of modules. Use cable management devices, such as cable clips, to secure extension cable off the roof.
- 4. On the last module in the string, insert the end cap onto the connecting plug or receptacle. This cap protects the cabling from dirt and moisture.

Towards Excellence







- 1. Attach the Power Manager's mounting bracket to the wall.
- 2. Remove access cover and AC terminal block cover.
- 3. Hang the power Manager on the bracket and secure with screws.
- 4. Connect AC wiring to the Power Manager following all NEC and local standards.
- 5. Reattach the AC terminal block cover.

- 6. Wire the Power Manager to a dedicated SPST breaker in the same service panel or sub-panel to which the solar array is wired.
- 7. Remove the Consent to Share label.
- 8. Plug the Ethernet cable into the Ethernet port.
- 9. Plug the Ethernet cable into the network router.
- 10. Replace the Power Manager access cover and power on the Power Manager.



COMMISSIONING \ THE SITE



CONFIRM INTERNET CONNECTION

Following startup, which takes approximately 5 mintues, the Power Manager's LCD displays the home screen. When the Power Manager has an Internet connection, the right side of the home screen displays "COMM" The current time is acquired from the Internet.

OPERATIONS

DISCOVER NEW

DISCOVERING MODULES KNOWN: 0NEW:0 RUN TIME 00:00:00 STOP DISCOVER MODULES

To establish communications between the Power Manager and the AC modules, select OPERATIONS ->DISCOVER NEW in the LCD menu.

When NEW reflects the number of installed modules, you can stop the discovery phase. wait for wrap-up and module configuration to complete.

Depending on the size of the array, discovery can take up to 60 minutes.

OPERATIONS

SET TIMEZONE PACIFIC/ HONOLULU

SET TIME ZONE

To set the time zone, select OPERATIONS -> SET TIME ZONE. Choose your region and local time zone.

HOME SCREEN

The home screen reports the current power production, the number of modules that reported/ the total number of known modules, and whether an Internet connection exists.