



SOLAR STIK™

TERRA PAK (INCLUDING PRO-SERIES)



OVERVIEW

Congratulations on your purchase of the Solar Stik™ Terra Pak. Designed for use with the Solar Stik™ 100 Terra and the Pro-Series Solar Stik™ Breeze, the Terra Pak is used provide “Plug & Play” operation between the Solar Stik™ and any 12 Volt DC battery bank.

A few applications that will benefit from the Terra Pak include:

- RV's & Motor-homes
- Remote Cabins & Homes
- HAM radio facilities
- Disaster Response Vehicles
- Emergency & Utility Trailers
- Applications that have a 12 Volt battery bank for power

The Terra Pak consists of six components:

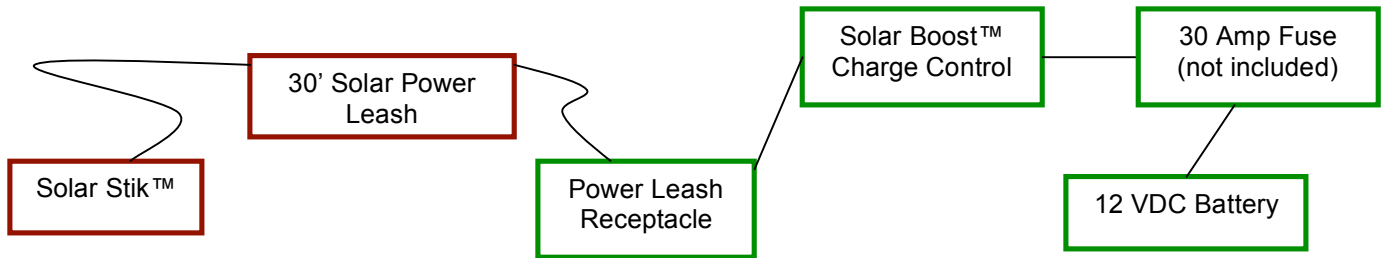
1. Solar Stik™ 30' Power Leash
2. Weatherproof Power Leash Receptacle and “SOLAR ONLY” label
3. Solar Boost™ 2000E MPPT charge control
4. Wall mount box (Optional – specify when ordering)
5. Battery Temperature Sensor
6. Pro-Series Inter-connector Port & “Wind/12VDC” label (included with Pro-Series Terra Pak only)



During operation, the Solar Boost™ 2000E digital display can be used to indicate when the solar panel inclination is at its optimum angle to the sun and producing maximum power. Simply select the “output current” position display mode, and the operator can observe exactly how much power the Solar Stik™ is producing.

INSTALLATION & OPERATION

SOLAR STIK™ SOLAR CIRCUIT

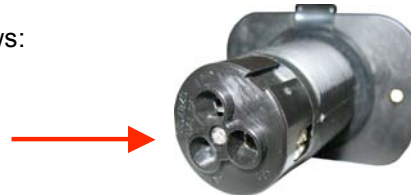


GREEN BOXES (permanently installed): Once the wiring is installed between the Power Leash Receptacle, Solar Boost™ control and 12VDC Battery, connecting a Solar Stik™ to the circuit is a simple “Plug & Play” procedure.

RED BOXES (connected as necessary): Using the Solar Power Leash, simply connect the Solar Stik™ to the Receptacle. Installation of the Solar Stik™ to the Terra Pak is now complete.

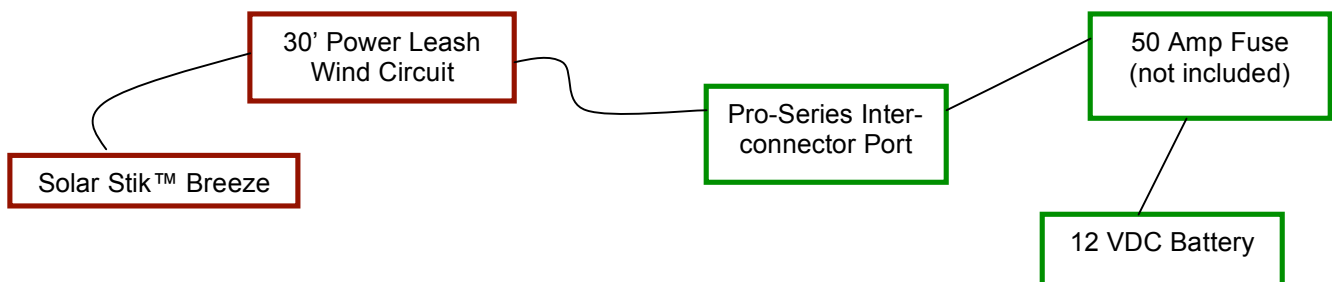
The Power Leash Solar Receptacle is wired as follows:

- Terminal #1 - DC negative terminal
- Terminal #2 - unused
- Terminal #3 - DC positive terminal



The Terra Pak components should provide years of reliable service. Should factory service or replacement parts be needed, please contact us.

PRO-SERIES SOLAR STIK™ BREEZE WIND GENERATOR CIRCUIT (PRO-SERIES TERRA PAK)

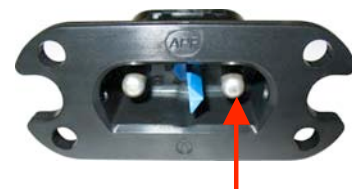


GREEN BOXES (permanently installed): Once the wiring is installed between the Pro-Series Inter-connector Port and the Battery, connecting the Pro-Series Solar Stik™ Breeze to the circuit is a simple “Plug & Play” procedure.

RED BOXES (connected as necessary): Using the Wind Power Leash, simply connect the Solar Stik™ Breeze wind circuit to the Inter-connector Port.

The Pro-Series Inter-connector Port is wired as follows:

- Terminal A - DC positive post
- Terminal B - DC negative post



The blue indicator pin located in between the electrical posts should point to the positive post once the posts are installed. Follow the Inter-connector instructions included with the Port.

INSTALLATION OF THE SOLAR BOOST™ 2000E

Please refer to the Solar Boost™ 2000E installation manual for details on installation of the charge control, the temperature sensor, and the wall-mount box (if applicable).



SOLAR BOOST™ CHARGE CONTROL INSTALLED



SOLAR CIRCUIT ONLY REQUIRED



SOLAR & WIND CIRCUIT REQUIRED

Water to Wine Concepts Inc. will not be held liable for improper installation or any damage to corresponding equipment as a result of poor installation.

TECHNICAL SUPPORT LINE: 800-793-4364 (available weekdays 7AM to 7PM EST and Sat - Sun 9AM to 4PM EST)

ADDRESS: Solar Stik™ R&D Facility
226 1/2 West King Street
Saint Augustine, Florida 32084

Please Consult the Website for additional education on 12 Volt DC and 120 Volt AC systems.

Available for download from the site are:

Solar School
Battery School
Inverter School
...and more!

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