

**Turn on Document Single Phase Series**

DATE: \_\_\_\_\_

TECHNICIAN: \_\_\_\_\_

MODEL# \_\_\_\_\_

BATTERY AND QUAN: \_\_\_\_\_

SERIAL# \_\_\_\_\_

ORDER# \_\_\_\_\_

DISTRIBUTOR: \_\_\_\_\_

DISTR ORDER# \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

JOB NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PERSON TO CONTACT AND PHONE# \_\_\_\_\_

- 1) Connect the 24 hour AC supply but do not energize the circuit. Make sure input voltage matches the equipment label.
  - 2) Follow the proper battery connection diagram, 24, 48 or 96 volt, one or two layers. Connect the battery, B+ is red, B- is black or yellow. Leave battery circuit breaker off at this time. Record Battery voltage here. \_\_\_\_\_ volts DC.
  - 3) Verify that the load voltage matches the output voltage of the unit. There may be a mixed output voltage so verify that you connect the proper voltage load to the proper voltage circuit breaker.
  - 4) Verify that the load wires are connected correctly and that the proper battery connections have been made.
  - 5) Your equipment may be controlled with one or more load control relays for energy conservation. Identify and connect the supervisory circuit control to the appropriate input terminal. In some cases, depending on how the project was specified, there may be several terminals for each load control relay if the specifier decided to have local supervisory control over the relay coils as well. This practice is not recommended.
  - 6) Do not energize the unit yet.
  - 7) Record the origin (panel # and circuit) of the unit input circuit. \_\_\_\_\_
  - 8) Record the origins panel # and circuit for all supervisory circuits) \_\_\_\_\_
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- 9) Measure and record the following voltages using a digital multi-meter on the line side of the circuit breaker or supervisory circuit to the unit.

Measure AC input voltage to unit \_\_\_\_\_ VAC

Measure AC input voltage of each supervisory circuit \_\_\_\_\_ and circuit origin

Measure Battery voltage \_\_\_\_\_ VDC

Measure AC output amps \_\_\_\_\_ amps

- 10) Mark the type of load supervision, if any, here. \_\_\_\_\_ Switched and type of supervision (IE \_\_\_\_\_ switch, \_\_\_\_\_ control panel, \_\_\_\_\_ motion sensor, \_\_\_\_\_ dimming system, \_\_\_\_\_ building management system.  
Who is the manufacturer and their part #?  
\_\_\_\_\_

- 11) Turn on the battery circuit breaker.
- 12) Turn on the AC input breaker. The system may start on its own. If it does, the front screen will light up. If it doesn't start, press the on button and hold it in for a couple of seconds.
- 13) Turn on the load breaker(s). If the load is not supervised the connected lights will illuminate. If the load is supervised make sure that all systems are in the on operation.
- 14) Turn off the input breaker and record the system output voltage and current if you have a current meter available.

**PLEASE RETURN THIS DOCUMENT TO THE FACTORY.**

**This must be filled out and returned within 90 days or warranty is void.**