

9.1 Warranty Checklist

The installer must complete this form AFTER the system is operational



This checklist must be filled out and submitted to register your warranty. Please visit:
<https://www.sol-ark.com/register-your-sol-ark/>

1. Have you sent a wiring diagram of your installation to Sol-Ark for verification? (support@sol-ark.com) a. If not, Sol-Ark assumes no responsibility for any performance issues as a result of the installation. Sol-Ark is not responsible for any changes to the installation.	Y / N
2. Is the inverter installed in a location where the LCD screen is protected from direct sunlight and is there enough vertical and lateral clearance for proper heat dissipation?	Y / N
3. Are all the battery lugs properly tightened at the corresponding torque? (40 in-lb / 4.5 Nm)	Y / N
4. Based on the following checklist: <input type="checkbox"/> grid or generator connected <input type="checkbox"/> load panel(s) connected <input type="checkbox"/> "LOAD" and "GRID" breakers ON <input type="checkbox"/> batteries ON <input type="checkbox"/> PV DC disconnect ON <input type="checkbox"/> power button ON a. Did any breakers trip? b. Did the inverter overload?	Y / N Y / N
5. If you are experimenting problems, email a description and photographs to support@sol-ark.com including: a. Photograph of the "Details Screen" including the voltages measured by the inverter. b. Photographs of the Sol-Ark inverter, user wiring area and batteries.	
6. Load and solar production TEST: Press the battery icon to access the "Details Screen" and corroborate the following readings: a. In case of having lead-acid batteries, verify if the battery temperature sensor is measuring data. b. Test the system by powering on considerable loads at the essential loads panel (backup circuits). Are the solar panels generating enough power to match the load demand (provided there is enough sun)? c. Provided there is grid and excess solar production compared to load demand, enable " <input checked="" type="checkbox"/> Grid Sell" mode. Is the inverter selling power back to the grid? (Negative HM measurements for L1 and L2) • Enable " <input checked="" type="checkbox"/> Limited Power to Home" mode ONLY. Are the HM measurements approximating zero or are slightly positive? Are they canceling out the grid demand (Meter Zero)? • Have you verified that the limit sensors are correctly installed? The "Auto Detect Home Limit Sensors" function auto corrects mistakes in CT sensor wiring. Batteries are and 120/240V grid required. (See section 2.9 - "Automatic CT Limit Sensors Configuration" for details).	Y / N Y / N Y / N Y / N Y / N
7. Have you programmed the correct capacity (Ah) for the battery bank and recommended Max A charge/discharge?	Y / N
8. Have you programmed the recommended battery charge voltages from your battery manufacturer?	Y / N
9. Off-Grid TEST: a. Minding the max power output of the Sol-Ark, turn OFF the external AC grid disconnect so that the Sol-Ark operates in an Off-Grid mode. Are appliances still being powered? b. Follow by turning OFF the PV DC disconnect, running only on batteries. Are appliances still being powered?	Y / N Y / N
10. Have you followed the steps for setting up the Wi-Fi / Ethernet connection and registered the customer's system on our monitoring app?	Y / N
11. Provided there is a standby or portable generator installed: a. Have you programmed "General Standard" grid mode and reprogrammed grid freq. range to 55-65Hz? b. Have you enabled " <input checked="" type="checkbox"/> Gen Charge" and adequately set the charge current "A"(DC) at which the batteries will be charged from the generator?	Y / N Y / N Y / N
12. If the system has EMP protection, have you installed the included small suppressors on essential appliance cords and big suppressors on solar panel wires?	Y / N

Installer name

Installer Signature

Date

Customer Name

Customer Signature

Date