Inverter Battery Voltage and PV Voltage Calibration

1. Calibration Tool

a) Hardware:

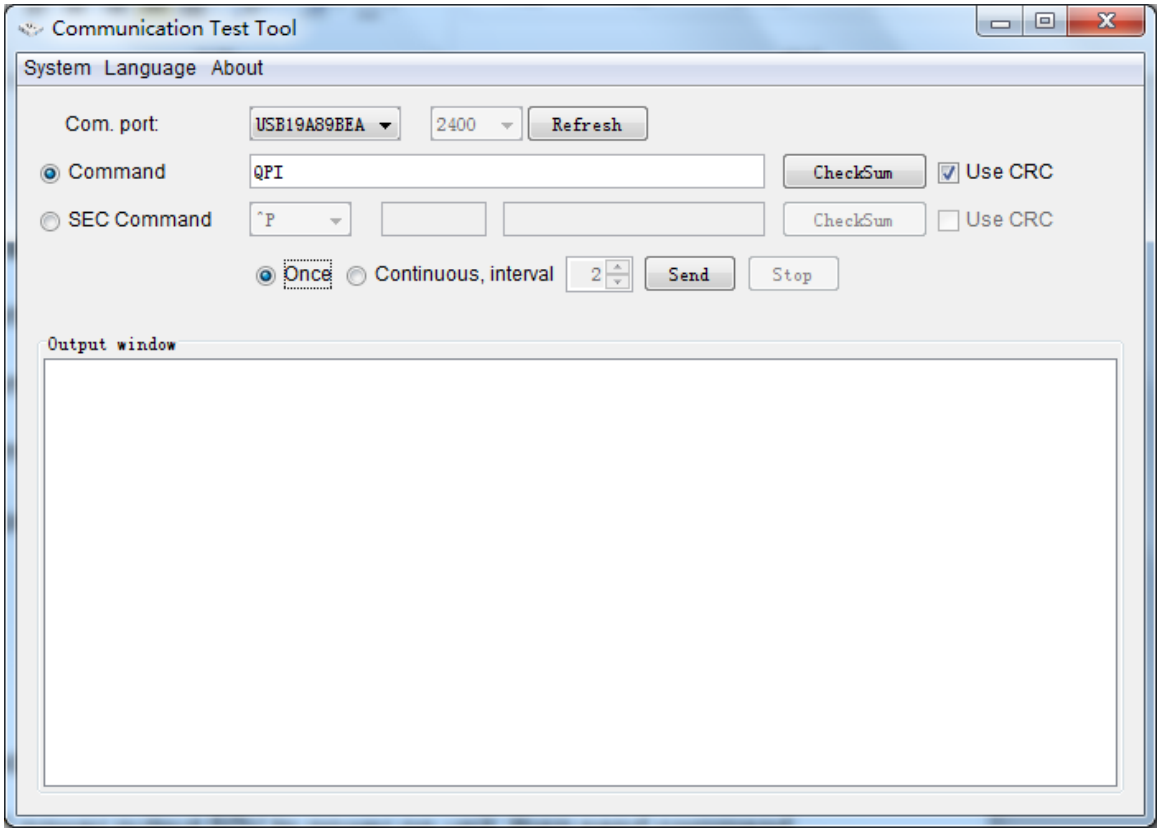
- Computer
- Inverter
- USB communication cable

Connect the inverter and computer with USB cable

b) Software

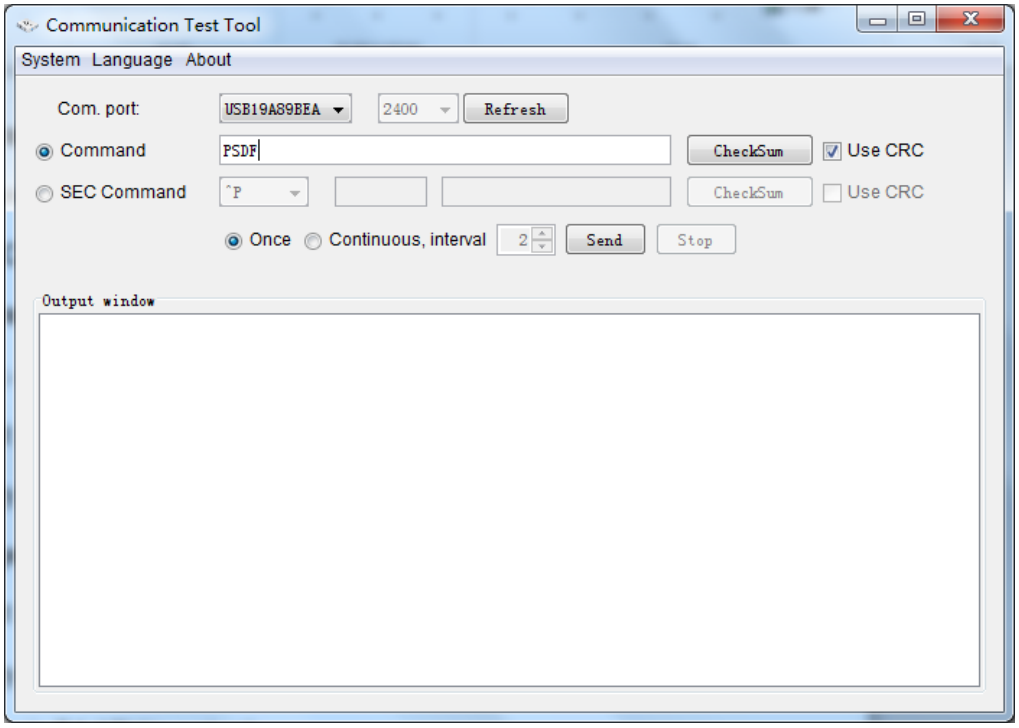
- Communication Test Tool

Please contact to the seller to get this software.



2. Calibration Step

1) Connect a DC power to battery terminal;
2) Connect another DC power or PV panel to PV input terminal;
3) Connect the inverter and computer with USB cable;
4) Set DC power on battery terminal output 25V, Set DC power on PV terminal output 40V, and switch on the inverter, click “Refresh” button to get USB communication port address, then send command “**PSDF**” to set all calibration parameter to default value;



5) Adjust DC power on battery terminal output voltage to 22V, measure the actual battery voltage, then send command “**PBATL2201**”, if battery voltage is 22.01V in actual;
6) Adjust DC power on battery terminal output voltage to 27V,

measure the actual battery voltage, then send command “**PBATH2702**”, if battery voltage is 27.02V in actual;

7) Measure the actual voltage on the PV terminal, then send command “**PVA040.02**”, if PV voltage is 40.02V in actual;
8) Send command “**PSAVE**” to save calibration result;
9) Battery voltage and solar voltage has been calibrated, please restart the unit then check the error of battery voltage.