



Huawei SUN2000 Series Inverter Working in Extremely Cold Environment (-40°C) Test Report

Huawei Reliability Lab.

This report is to certify that Huawei SUN2000 series inverters meet the extremely cold environment scenarios, which the -40°C testing has been passed. The reliability in such scenarios has been approved by Huawei Reliability Lab.

Huawei SUN2000 series inverters have been designed with similar technical characteristics. The SUN2000-40KTL-US inverter, as one model in this series, meet the same performance standard. **The supplier warranty of SUN2000-40KTL-US will not be voided by installing the inverter in regions with minimum temperatures down to -40°C.**

Below testing is conducted using a SUN2000-30KTL as a sample. For other models of Huawei SUN2000 series inverter, the design to endure the extremely cold environment function is same, the test results below are thus applicable to other models in this series.

Test Conditions:

1. The test sample is SUN2000-30KTL, Keep the inverter in the chamber at -40°C for 8 hours.
2. Turn on the inverter, to test if it can start up normally.
3. Keep the inverter running for 24 hours.

Test Results:

