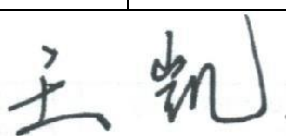


Noise Test Report

TYPE TEST SHEET

This Type Test sheet shall be used to record the results of the type testing of Generating Unit			
Type Tested reference number		SG250HX	
Generating Unit technology		Grid-connected PV Inverter	
System supplier name		Sungrow Power Supply Co., Ltd.	
Address		No.1699 Xiyou Rd., New & High Technology Industrial Development Zone, Hefei, P.R. China	
Tel	+86 551 65327834	Fax	+86 551 6532 7800
E:mail	info@sungrow.cn	Web site	www.sungrowpower.com
Maximum export capacity, use separate sheet if more than one connection option.	N/A	kW single phase, single, split or three phase system	
	225	kW three phase	
	N/A	kW two phases in three phase system	
	N/A	kW two phases split phase system	
Compiled by		On behalf of	Sungrow Power Supply Co., Ltd.
		Test Date	2020-06-08
Note that testing can be done by the manufacturer of an individual component, by an external test house, or by the supplier of the complete system, or any combination of them as appropriate. Where parts of the testing are carried out by persons or organisations other than the supplier then the supplier shall keep copies of all test records and results supplied to them to verify that the testing has been carried out by people with sufficient technical competency to carry out the tests.			

The aim of this test is to determine the noise level when the PV Grid inverter in rated working condition

Used settings of the measurement device for Noise measurement

Measurement device	Date of measurement
AWA6228	2020-03-05

The condition s during testing are specified below:

PGU operation mode	Rated Working Condition
Voltage range	860-1300V
Grid frequency range	50Hz/ 45-55Hz
Distance	1m
Date	2020-06-08

The system noise level please check the table below.

Orientation	Noise (dB)
Front	74.4
Behind	73.9
Sidepiece	72.6
Average Noise	73.6

Front Test :



Test Record

Frequency(Hz)	Noise(dB)	Frequency(Hz)	Noise(dB)
16	72.8	1k	70.8
31.5	71.5	2k	65.8
63	68.3	4k	60.6
125	67.6	8k	53.9
250	73.5	16k	57.4
500	72.1	W A	74.4

Behind:



Test Record			
Frequency(Hz)	Noise(dB)	Frequency(Hz)	Noise(dB)
16	67.4	1k	68.6
31.5	72.3	2k	64.7
63	69.0	4k	58.6
125	68.7	8k	50.2
250	75.1	16k	41.4
500	72.5	W_A	73.9

Sidepiece:



Test Record

Frequency(Hz)	Noise(dB)	Frequency(Hz)	Noise(dB)
16	65.3	1k	67.9
31.5	71.7	2k	64.4
63	67.7	4k	57.8
125	66.3	8k	50.0
250	73.6	16k	39.1
500	69.7	W_A	72.6

Additional comments
Type test only for reference.