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SUNGROW

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		SG320HX、SG350HX	
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
		352KW	kW three phase
		N/A	kW two phases in three phase system
		N/A	kW two phases split phase system
Compiled by	张文明	On behalf of	Sungrow Power Supply Co., Ltd.
Approved by		Test Date	2022-08-14
<p>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.</p> <p>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.</p>			

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	Calibration Date	Expire Date
AWA6228+	2022-01-04	2023-01-03

The conditions during testing are specified below:

PGU operation mode	Rated working condition
Voltage range	860-1300V
Grid frequency range	50Hz
Distance	1m、10 m
Date	2022-08-14

The system noise level please check the table below:

1) Rated working condition (1m)

Orientation	Noise (dB)_1m
Front	74.0
Behind	75.4
Left	75.6
Right	74.4
Maximum Noise	75.6

1) Rated working condition (10m)

Orientation	Noise (dB)_10m
Front	66.3
Behind	62.9
Left	68.2
Right	67.4
Maximum Noise	68.2

Photo:
Rated working condition