

## 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		SC1200/1245/1375/1575/1725UD	
Generating Unit technology		Power Conversion System	
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	<a href="mailto:info@sungrow.cn">info@sungrow.cn</a>	Web site	<a href="http://www.sungrowpower.com">www.sungrowpower.com</a>
Maximum export capacity, use separate sheet if more than one connection option.		N/A	kW single phase, single, split or three phasesystem
		1725	kW three phase
		N/A	kW two phases in three phasesystem
		N/A	kW two phases split phase system
Compiled by	袁正好	On behalf of	Sungrow Power Supply Co., Ltd.
Approved by	曹雪原	Test Date	2020-09-05
<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 energy storage inverter in rated working condition .

Used settings of the measurement device for Noise measurement:

Measurement device	Calibration Date	Expire Date
AWA6218C	2019-10-28	2020-10-27

The condition s during testing are specified below:

PGU operation mode	Rated working condition
Max. DC voltage	1500V
Nominal grid frequency	50Hz
Distance	1 m
Date	2020-09-05

The system noise level please check the table below:

Rated working condition

Orientation	Noise (dB)
Front	79.5
Behind	79.9
Left	79.1
Right	79.3
Maximum Noise	79.9

Photo:

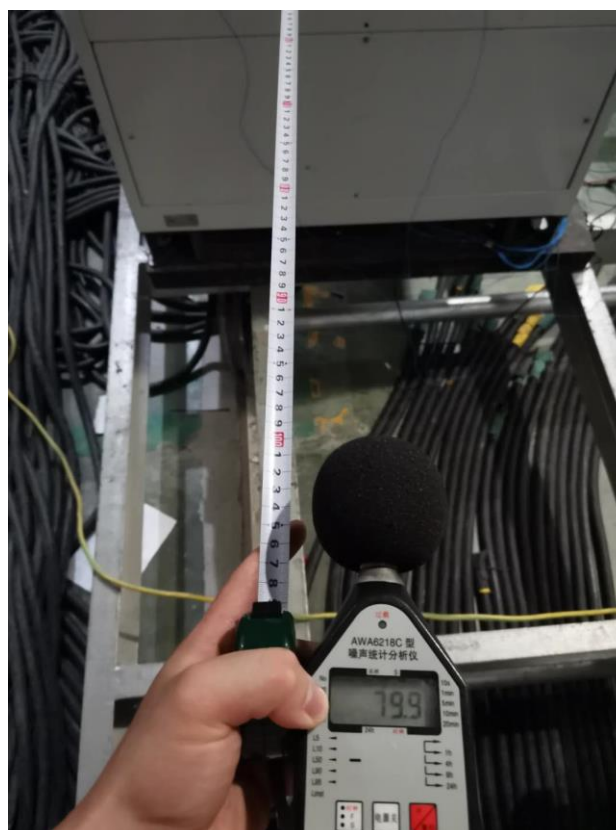
Rated working condition

The screenshot displays the SC1725UD monitoring interface. On the left is a dark sidebar with navigation options: Overview, General Information, Real-time Status, Device Monitoring (highlighted), Device, History Data, System, and About. The main area shows a table of real-time values for the selected device (SC1725UD). The table has two columns: Parameter Name and Real-time Values (Unit). The parameters listed include Work Status (Run), Work Mode of converter unit (Grid-connected mode), On-grid charge/discharge mode (Grid-connected constant power (AC)), Charging/Discharging Status (Discharge), Pdc (1755.6 kW), Active Power (1724.5 kW), Reactive Power (5.3 kvar), Apparent Power (1724.5 kVA), PF (0.999), Udc (1294.5 V), Idc (1356.2 A), Vab (695.6 V), Vbc (695.6 V), Vca (697.5 V), and Phase A Current (1424.5 A). The top right of the interface shows status icons (0 errors, 0 warnings), a Help button, language selection (English), and a user profile (O&M user).

Parameter Name	Real-time Values (Unit)
Work Status	Run
Work Mode of converter unit	Grid-connected mode
On-grid charge/discharge mode	Grid-connected constant power (AC)
Charging/Discharging Status	Discharge
Pdc	1755.6 kW
Active Power	1724.5 kW
Reactive Power	5.3 kvar
Apparent Power	1724.5 kVA
PF	0.999
Udc	1294.5 V
Idc	1356.2 A
Vab	695.6 V
Vbc	695.6 V
Vca	697.5 V
Phase A Current	1424.5 A



Front



Behind



Left



Right

**Sungrow Power Supply Co., Ltd.**

Add: No. 1699 Xiyou Road, Hefei, China  
Tel: +86 551 6532 7834  
Email: info@sungrow.cn  
Website: www.sungrowpower.com



Additional comments
N/A