

Declaration of Conformity (EN)

In terms of the Guidelines of the European Community:

- Requirement for Generator from the European Commission Regulation (EU) 2016/6/31-NC RfG
- Standards EN 50549-1: 2019

For inverter list in below table, if choosing the country setup Poland, the inverter fulfill the below parameters

	Models / Modele
	QS1, YC600, YC1000-3
NC RfG	√
EN 50549-1:2019	√

Voltage and frequency protection	Value	Disconnection time
Lower AC voltage limit (U<)	195.5V	< 1.5s
10 Minutes average voltage value (U>)	253V	<3s
Upper AC voltage limit (U>)	264.5V	<0.2s
Lower AC frequency (f>)	47.5Hz	<0.5s
Upper AC frequency (f<)	52Hz	<0.5s

Loss of mains		
Active islanding detection	Active	<5.0s
Restart time		
Time to reconnect to grid after grid failure		60s

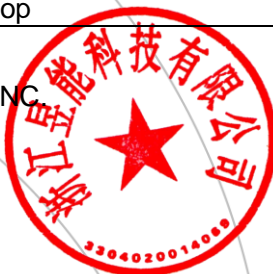
The default setting for LFSM-O mode is 50.2Hz, the droop is 5%, frequency can be change in the range of 50.2-50.5Hz, and the droop can be changed in the range of 2% -12% with software.

Parameters of LFSM-O mode	
Frequency threshold of LFSM-O mode	50.2Hz
Droop	5%

ALTENERGY POWER SYSTEM INC

Guohang Wu

Signature & Stamp
2019.5.28



昱能科技