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Declaration of Conformity (Ireland)

In terms of the Guidelines of the European Community:

- Conditions Governing the Connection and Operation of Micro-Generation
- Standards I.S. EN 50549-1

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

	Models
	SUN-3.6K-SG03LP1-EU;SUN-5K-SG03LP1-EU
I.S. EN 50549-1	✓
EN50549-1:2019	✓

Single/Three Phase:	Single		
Parameter	Trip setting	Clearance time	Confirm Settings Applied (Y/N)
Over voltage			
Pre I.S EN 50549-1 Single Stage Voltage Setting	269 V / 468 V	0.7 s	Y
I.S. EN 50549-1 Two Stage Voltage Settings	Stage 1	269 V / 468 V	70 s
	Stage 2	281 V / 488 V	0.7 s
Under voltage	191 V / 332 V	0.7 s	Y
Over frequency*	52 Hz	0.5 s	Y
Under frequency*	47 Hz	0.5 s	Y
An explicit Loss of Mains functionality shall be included. Established methods such as, but not limited to, Rate of Change of Frequency, or Source Impedance Measurement may be used. Where Source Impedance is measured, this shall be achieved by purely passive means. Any implementation which involves the injection of pulses onto the DSO network, shall not be permitted.			
ROCOF (**)	1.0 Hz/s	0.6 s	Y
Vector Shift	Not permitted		Y

