

Declaration of Conformity – Cyprus

This is to declare that single phase inverters with DSP1 version 1.210.787 and above, with the country setting “Cyprus”, have the grid protection parameters detailed below. This declaration applies to the following products:

Product:	Solar Inverter
Manufacturer:	SolarEdge Technologies Ltd. 1 HaMada St. Herzeliya 4673335, Israel
Single phase inverter model:	SE2200, SE2200H, SE3000, SE3000H, SE3500, SE3500H, SE3680H, SE4000, SE4000H, SE5000, SE5000H, SE6000, SE6000H

Protection Parameter	Trip Setting	Clearance Time
Over Voltage (230 V + 10 %)	253 V	0.2s
Under Voltage (230 V – 20 %)	184 V	0.2s
Over Frequency (50 Hz + 3 %)	51.5 Hz	0.2s
Under Frequency (50 Hz - 6 %)	47 Hz	0.2s
Max. DC current injection to grid	<0.5% Iac,max	0.2s
Anit islanding – automatic disconnecting device between a generator and the public low volateg grid (DIN VDE 0126-1-1)	200ms / 8° voltage vector shifting	

Other Parameters	Value
Loss of mains reconnection time	3 min
Grid monitoring time before connection	3 min
Active power gradient wake up time	10min / 10% per minute

Frequency-based power reduction is linear according to the following two points:

P0, f0	100% , 50.2Hz
P1, f1	48% , 51.5Hz

Reactive power (as % of nominal active power):

P0, cosphi0	0%, 1
P1, cosphi1	40%, 1
P2, cosphi2	100%, -0.9 (lagging)

Hod Hasharon

Israel

PLACE

Jan. 29 2017

Date

סולר אדג' טכנולוגיות בע"מ
513865329 פ.ח

Meir Adest