Declaration of Conformity – Czech Republic

This is to declare that the following products, including the required accessories, meet the Grid Code requirements for SSDG in Czech Republic.
Inverters with Firmware versions(1) stated below, which are set to country setting Czech Republic, are compliant with EN50438:2013 and with the "PRAVIDLA PROVOZOVÁNÍ DISTRIBUČNÍCH SOUSTAV - PŘÍLOHA 4 - PRAVIDLA PRO PARALELNÍ PROVOZ VÝROBEN A AKUMULAČNÍCH ZAŘÍZENÍ SE SÍTÍ PROVOZOVATELE DISTRIBUČNÍ SOUSTAVY". This country setting includes the P(f), P(U), Q(U) and LVRT requirements already, they do not need to be manually configured by the installer. The settings are detailed below.

Product:	Solar Inverter
Manufacturer:	**SolarEdge Technologies Ltd.** 1 HaMada St. Herzeliya 4673335, Israel
Single phase inverter model:	SE1000M,SE1500M,SE2000M,SE2200, SE2200H, SE3000, SE3000H, SE3500, SE3500H, SE3680H
Three phase inverter model:	SE4K, SE5K, SE7K, SE8K, SE9K, SE10K

Required minimum firmware versions:	
3 Phase	**Single Phase**
DSP1 – Version **1.13.1523** (and above) DSP2 – Version **2.19.1312** (and above)	DSP1 – Version **1.0.751** (and above) DSP2 – Version **2.19.1312** (and above)

Herzeliya
Israel — April 2019 — (Meir Adest)
PLACE — Date

Protection Parameter	Trip Setting	Disconnection Time
Over Voltage Stage 1(2)	253	≤3 s
Over Voltage Stage 2	264.5 V	1s
Over Voltage Stage 3	276 V	0.1s
Under Voltage Stage	195,5 V	1.5 s
Over Frequency	52.0 Hz	≤0.5 s
Under Frequency	47.5 Hz	≤0.5 s
Other Parameters		**Value**
Reconnection time		5 mins, then 10% power increase per minute

(1) *To check the DSP1 version use the inverter LCD button to select* ***Information*** ➔ ***Versions***

(2) *For Overvoltage Stage 1, 10 minute values are used corresponding to ČSN EN 50160. The calculation of the 10-minute value shall comply with the 10 minute aggregation of EN 61000-4-30, class S. This function shall be based on the calculation of the square root of the arithmetic mean of the squared input values over 10 minutes. In deviation from ČSN EN 61000-4-30, a moving window shall be used. The calculation of a new 10 minutes value at least every 3 sec is sufficient, which is then to be compared with the trip value*