GLV 003 . 01	SolarEdge	HD Wave 1-Phase + Three Phase Inverter + Three Phase Co

C10/26 - DECLARATION OF CONFORMITY for power-generating units
GLV ed2.1.2 (12/2019)

for the application of annex D "Technical basic requirements regarding the power-generation units" of the Synergrid prescription C10/11 ed2.1 (01/09/2019)

Synergrid

The undersigned,

Manufacturer: SolarEdge Technologies Ltd.
Address: 1 Ha'Mada St., Herzeliya, 4673335

Represented by: Meir Adest, VP Core Technologies
Country: Israel
email: meir.a@solaredge.com
Telephone: 972-9-9576620

Hereby declares that each production unit completed in the list in tab 'list of power-generating units' of this homologation application complies with the following conditions:

1. The power-generating unit complies with the relevant requirements set out in annex D "Technical basic requirements regarding the power-generation units" of the Synergrid prescription C10/11 ed2.1 (01/09/2019).

2. In order to substantiate this, a separate technical file has been submitted at least for each separate product series of the 'C10/26 list of power-generating units' of this homologation application. Each technical file shall be drawn up on the basis of a checklist Annex D, duly and correctly completed by the manufacturer, accompanied by all the required proof of conformity.

2.1 For technical requirements for which the required proof of conformity (column J in checklist annex D) is a declaration of honour by the manufacturer, the manufacturer declares by signing and dating this declaration of conformity the correctness of the information (conform / not conform / not applicable) provided by him or her in columns K, L and M of this checklist.

2.2. For technical requirements for which the required proof of conformity (column J in checklist Annex D) is a test report or a certificate, the necessary test reports and/or certificates are available * in the technical file:

- Certificates have been issued by an EN 45011 (or ISO 17065:2012) certification body accredited for these materials.
- Test reports have been established by an ISO 17025:2005 or ISO 17065:2012 laboratory accredited for these tests.

2.3 A list of the document references or the certificates of conformity referred to in the checklist Annex D is also available in the technical file.

Done at: (location) 1 Ha'Mada St., Herzeliya, 4673335
On: (date) 20-01-20

(stamp manufacturer & signature)

Homologated by Synergrid on: 28/02/2020
Stamp Synergrid & signature:

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*** Transition period till 01/05/2020** (see exceptions in chapter 3 of C10/11 ed 2.1 (01/09/2019)):
If at the time of submission of this homologation application it is not yet possible to submit all the necessary certificates and/or test reports (exception 3), or that the unit does not have all the required characteristics (exceptions 1 and 2), a **temporary homologation** may be granted. All necessary certificates and/or test reports must be in the possession of Synergrid at the latest on 30/04/2020 in order to obtain a final homologation. if this is not the case, the temporary C10/26 homologation will be withdrawn.

Upgrade Solar Ay hybrid for SE2000 on 20/12/2021

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POWER-GENERATING UNITS TO BE HOMOLOGATED FOR LIST C10/26 ACCORDING TO THE REQUIREMENTS OF ANNEX D OF THE TECHNICAL PRESCRIPTION C10/11 ed2.1 (01/09/2019)

2. C10/26 list with power-generating units in accordance with annex D of C10/11 ed2.1 (01/09/2019)

GLV 003-01	SolarEdge	HD Wave 1-Phase+ SE2000H + Three Phase Inverter + Three Phase Commercial + Three Phase StorEdge

checklist ed 2.1.2 (12/2019)

1	2	3	4	5	6	7	8	9	10	11											12				13						14	15
					ONLY for units (suitable for) energy storage: Name and reference of the power control system		POWER			ADDITIONAL CHARACTERISTICS											LIMITATIONS				APPLICATION						Synergrid approval date	
										D.3	(...)	D.4.1	D.6.2	D.7.2	D		D.7.1	D.4.3	D.9.1	(...)												
SYNERGRID reference number (GLVxxx-yy-zzz)	BRAND NAME	Name of the product SERIES	REFERENCE of the model / type of the unit	FIRMWARE VERSION	power control system type EnPluRI	other power control system	P_{elr} rated (active) power (W)	S_{max} maximum apparent power (VA)	1-phase or 3-phase	integrated automatic separation system	"RED type B ready" = suitable for use in installation ≥ 1MW	adjustable operating frequency range (51.5 Hz - 52.5 Hz)	power response to underfrequency	active power reduction P(U)	compliant power control system provided (e.g. EnPluRI)		only homologated for "small power-generating installations"	only homologated for connection to HV-network	only homologated for use in module < 600W	only homologated as a backup power system according to §2.1.1		Solar energy	Wind energy	CHP (combined heat & power)	Energy storage	Backup power system	Other	Temporary homologation (expires on 01/05/2020)	Final homologation
GLV003-01-001	SolarEdge	HD Wave 1-Phase	SE2000H	DSP1: 1.13 or above	SolarEdge Energy Meter		2000	2000	1-phase	x			x	x	x							x			x			27/02/2020	
GLV003-01-002	SolarEdge	HD Wave 1-Phase	SE2200H	DSP1: 1.13 or above	SolarEdge Energy Meter		2200	2200	1-phase	x			x	x	x							x			x			27/02/2020	
GLV003-01-003	SolarEdge	HD Wave 1-Phase	SE3000H	DSP1: 1.13 or above	SolarEdge Energy Meter		3000	3000	1-phase	x			x	x	x							x			x			27/02/2020	
GLV003-01-004	SolarEdge	HD Wave 1-Phase	SE3500H	DSP1: 1.13 or above	SolarEdge Energy Meter		3500	3500	1-phase	x			x	x	x							x			x			27/02/2020	
GLV003-01-005	SolarEdge	HD Wave 1-Phase	SE3680H	DSP1: 1.13 or above	SolarEdge Energy Meter		3680	3680	1-phase	x			x	x	x							x			x			27/02/2020	
GLV003-01-006	SolarEdge	HD Wave 1-Phase	SE4000H	DSP1: 1.13 or above	SolarEdge Energy Meter		4000	4000	1-phase	x			x	x	x							x			x			27/02/2020	
GLV003-01-007	SolarEdge	HD Wave 1-Phase	SE5000H	DSP1: 1.13 or above	SolarEdge Energy Meter		5000	5000	1-phase	x			x	x	x							x			x			27/02/2020	
GLV003-01-008	SolarEdge	HD Wave 1-Phase	SE6000H	DSP1: 1.13 or above	SolarEdge Energy Meter		6000	6000	1-phase	x			x	x	x							x			x			27/02/2020	
GLV003-01-009	SolarEdge	Three Phase Inverter	SE4K	DSP1: 1.13.1626 or above			4000	4000	3-phase	x	x			x								x						27/02/2020	
GLV003-01-010	SolarEdge	Three Phase Inverter	SE5K	DSP1: 1.13.1626 or above			5000	5000	3-phase	x	x			x								x						27/02/2020	
GLV003-01-011	SolarEdge	Three Phase Inverter	SE6K	DSP1: 1.13.1626 or above			6000	6000	3-phase	x	x			x								x						27/02/2020	
GLV003-01-012	SolarEdge	Three Phase Inverter	SE6K (Connected in Delta)	DSP1: 1.13.1626 or above			3500	3500	3-phase	x	x			x								x						27/02/2020	
GLV003-01-013	SolarEdge	Three Phase Inverter	SE7K	DSP1: 1.13.1626 or above			7000	7000	3-phase	x	x			x								x						27/02/2020	
GLV003-01-014	SolarEdge	Three Phase Inverter	SE7K (Connected in Delta)	DSP1: 1.13.1626 or above			4000	4000	3-phase	x	x			x								x						27/02/2020	
GLV003-01-015	SolarEdge	Three Phase Inverter	SE8K	DSP1: 1.13.1626 or above			8000	8000	3-phase	x	x			x								x						27/02/2020	
GLV003-01-016	SolarEdge	Three Phase Inverter	SE8K (Connected in Delta)	DSP1: 1.13.1626 or above			4600	4600	3-phase	x	x			x								x						27/02/2020	
GLV003-01-017	SolarEdge	Three Phase Inverter	SE9K	DSP1: 1.13.1626 or above			9000	9000	3-phase	x	x			x								x						27/02/2020	

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	SolarEdge	Three Phase Inverter	SE9K (Connected in Delta)	DSP1 1.13.1626 or above			5200	5200	3-phase	x	x			x						x							
	SolarEdge	Three Phase Inverter	SE10K	DSP1 1.13.1626 or above			10000	10000	3-phase	x	x			x						x							
	SolarEdge	Three Phase Inverter	SE10K (Connected in Delta)	DSP1 1.13.1626 or above			5800	5800	3-phase	x	x			x						x							
	SolarEdge	Three Phase Inverter	SE12.5K	DSP1 1.13.1626 or above			12500	12500	3-phase	x	x			x						x							
	SolarEdge	Three Phase Inverter	SE12.5K (Connected in Delta)	DSP1 1.13.1626 or above			7200	7200	3-phase	x	x			x						x							
	SolarEdge	Three Phase Inverter	SE15K	DSP1 1.13.1626 or above			15000	15000	3-phase	x	x			x						x							
	SolarEdge	Three Phase Inverter	SE15K (Connected in Delta)	DSP1 1.13.1626 or above			8700	8700	3-phase	x	x			x						x							
	SolarEdge	Three Phase Inverter	SE16K	DSP1 1.13.1626 or above			16000	16000	3-phase	x	x			x						x							
	SolarEdge	Three Phase Inverter	SE16K (Connected in Delta)	DSP1 1.13.1626 or above			9200	9200	3-phase	x	x			x						x							
	SolarEdge	Three Phase Inverter	SE17K	DSP1 1.13.1626 or above			17000	17000	3-phase	x	x			x						x							
	SolarEdge	Three Phase Inverter	SE17K (Connected in Delta)	DSP1 1.13.1626 or above			10000	10000	3-phase	x	x			x						x							
	SolarEdge	Three Phase Inverter	SE25K	DSP1 1.13.1626 or above			25000	25000	3-phase	x	x			x						x							
	SolarEdge	Three Phase Inverter	SE25K (Connected in Delta)	DSP1 1.13.1626 or above			14500	14500	3-phase	x	x			x						x							
	SolarEdge	Three Phase Inverter	SE27.6K	DSP1 1.13.1626 or above			27600	27600	3-phase	x	x			x						x							
	SolarEdge	Three Phase Inverter	SE27.6K (Connected in Delta)	DSP1 1.13.1626 or above			16000	16000	3-phase	x	x			x						x							
	SolarEdge	Three Phase Commercial	SE50K	DSP1 1.13.1626 or above			50000	50000	3-phase		x			x						x							
	SolarEdge	Three Phase Commercial	SE50K (Connected in Delta)	DSP1 1.13.1626 or above			29000	29000	3-phase	x	x			x						x							
	SolarEdge	Three Phase Commercial	SE55K	DSP1 1.13.1626 or above			55000	55000	3-phase		x			x						x							
	SolarEdge	Three Phase Commercial	SE55K (Connected in Delta)	DSP1 1.13.1626 or above			32000	32000	3-phase		x			x						x							
	SolarEdge	Three Phase Commercial	SE82.8K	DSP1 1.13.1626 or above			82800	82800	3-phase		x			x						x							
	SolarEdge	Three Phase Commercial	SE82.8K (Connected in Delta)	DSP1 1.13.1626 or above			48000	48000	3-phase		x			x						x							
	SolarEdge	Three Phase StorEdge	SE5K-RWS	DSP1 1.13.1626 or above	SolarEdge Energy Meter		5000	5000	3-phase	x	x		x	x	x					x		x					
	SolarEdge	Three Phase StorEdge	SE7K-RWS	DSP1 1.13.1626 or above	SolarEdge Energy Meter		7000	7000	3-phase	x	x		x	x	x					x		x					
	SolarEdge	Three Phase StorEdge	SE8K-RWS	DSP1 1.13.1626 or above	SolarEdge Energy Meter		8000	8000	3-phase	x	x		x	x	x					x		x					
	SolarEdge	Three Phase StorEdge	SE10K-RWS	DSP1 1.13.1626 or above	SolarEdge Energy Meter		10000	10000	3-phase	x	x		x	x	x					x		x					

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EXPLANATIONS FOR THE COMPLETION OF THE TABLE

Column	Title	Remarks
1	SYNERGRID reference number (GLVxxx-yy-zzzz)	In the case of a positive homologation, each C10/26-homologated power-generating unit is given a unique Synergrid reference number: xxx = unique reference or the manufacturer yy = serial number of manufacturer xxx's record xxx
2	Brand name	Brand name under which the unit is marketed on the Belgian market.
3	Name of the product series	Name of the product range. Note: For each separate product range (or each group of units with common characteristics) a separate checklist according to Appendix D is required (sheet 3) together with the corresponding conformity
4	Reference of the model / type of the unit	Unique product name or reference. Units of the same product range must be unequivocally distinguished from each other through this name or reference.
5	Firmware version	Reference of the firmware version of the unit.
6	power control system type EnFluRi	This case is only applicable for units (suitable for) energy storage, provided with a power control system of type EnFluRi: Name and reference of the power control system of type EnFluRi, compliant to the requirements in C10/11 ed2.1 (01/09/2019) §4.1.7 and §7.11.2.1
7	other power control system	This case is only applicable for units (suitable for) energy storage, provided with a power control system of another type than EnFluRi: Name and reference of the power control system, compliant to the requirements in C10/11 ed2.1 (01/09/2019) §7.11.2.2
8	P_{AC}, rated (active) power (W)	Active (electrical) power in W at the terminals of the unit, as stated on the technical sheet / data sheet / brochure and nameplate. (For photovoltaic inverters: see also definition in §3.2.5 of IEC 62894:2016-11)
9	S_{max} = maximum apparent power (VA)	Maximum apparent (electrical) power at the terminals of the unit, as stated on the certificate / the test report / the technical sheet / data sheet / brochure.
10	1-phase or 3-phase	Indicate whether the unit is single- or three-phase. This characteristic refers to the unit itself, not to the nature of the connection to the distribution network to which the unit can be connected.
11	Additional characteristics	In these columns optional additional characteristics of the units are indicated, following the information in checklist annex D and the corresponding technical file.
12	Limitations	These columns specify limitations of the units to their application in certain types of installations, in accordance with the information in the checklist in annex D and the corresponding technical file.
13	Application	Indicate the applications for which the unit is suitable.
14	Synergrid approval date Temporary homologation (expires on 01/05/2020)	Date on which the submitted homologation file was approved by Synergrid for a limited period of time. - A temporary homologation is granted if the applicant invokes exceptions in chapter 3 of C10/11 ed2.1 (01/09/2019) and has not yet submitted all the test reports required for a definitive homologation with his homologation application (exception 3), or if the units do not yet have all the required properties (exceptions 1 and 2).
15	Synergrid approval date Final homologation	Date on which the submitted homologation file was definitely approved by Synergrid. - A final approval will be granted as soon as Synergrid has a fully compliant homologation dossier.

(1) - 31/01 Technical specification: procedure for application for homologation and renewal of homologation of materials

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