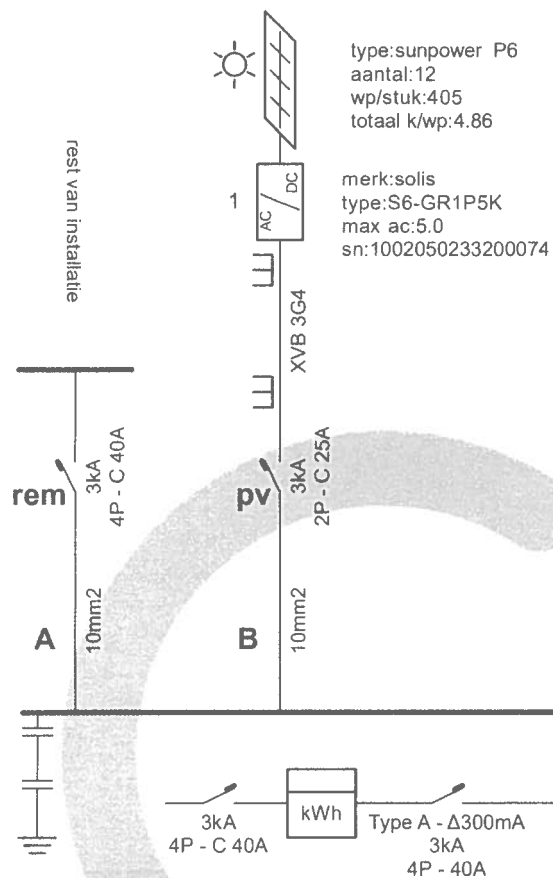




Bejram Lalaj
ACEG VZW - N293

Plaats van de elektrische installatie

clint melder
acacialaan 13
2110 wijnegem

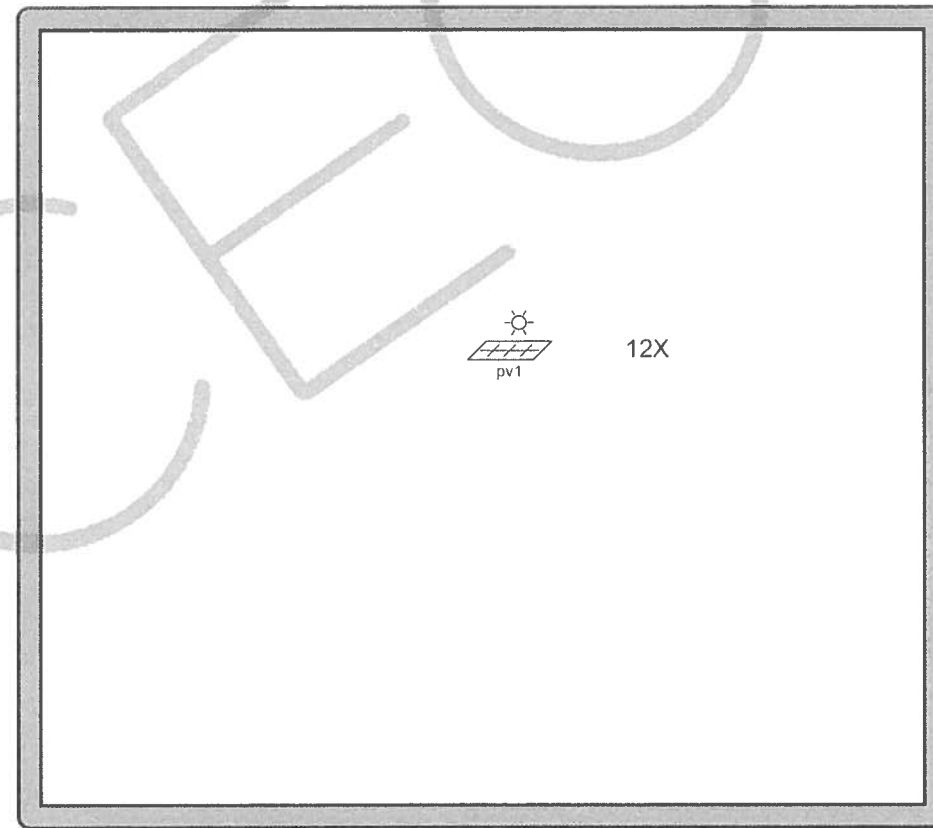
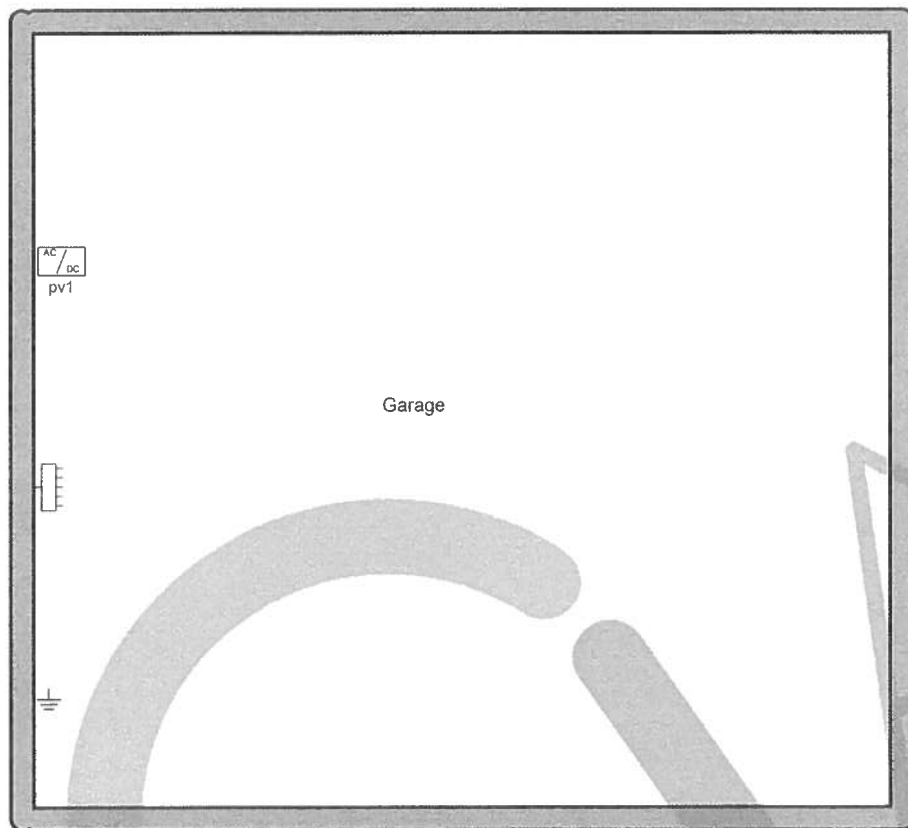
Installateur

IC Solutions
Groendreef 42
9000 Gent
GSM: 0484 73 17 80
e-mail: ismai.cherradi@hotmail.com
BTW BE 0775.662.181

Signature

p. 1/2 Eendraadschema

3 x 400V + N ~ 50Hz



Bajram Lelaj
AMEG VZW - #293

Plaats van de elektrische installatie
clint melders
acacialaan 13
2110 wijnegem

Installateur
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Groendreef 42
9000 Gent
GSM: 0484 73 17 80
e-mail: ismai.cherradi@hotmail.com
BTW BE 0775.662.181

p. 2/2
Situatieschema
3 x 400V + N ~ 50Hz

Keuringsverslag van een elektrische laagspanning- en zeer lage spanningsinstallatie

CONFORM

Datum keuring: 13/07/2023

Inspecteur: Bajram Lalaj

Mentor:

Installateur: Belivert

ID-label:

B.T.W. nr.: BE 0831 630 290

Klantreferentie:

Merk en type meettoestel: Metrel MI 3102
BT

Senenummer: 23120792

Datum verslag: 13/07/2023

Plaats van het onderzoek

Straatnaam: Acacialaan
Huisnummer: 13
Busnummer:
Postcode: 2110
Gemeente: Wijnegem
Land: België

Eigenaar

Naam: Melders Clint
Straatnaam: Acacialaan
Huisnummer: 13
Busnummer:
Postcode: 2110
Gemeente: Wijnegem
Land: België

Installateur

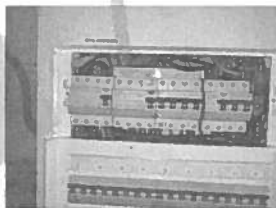
Naam: Belivert
BTW nr.: BE 0831 630 290
Telefoonnummer: +32 50 25 02 40
E-mail: keuringen@belivert.be

Type : PV-installatie en/of thuisbatterij

Afbeelding schakel- en verdeelbord:

EAN 541 448 820 049 452 768

Teller Nr.: 1SAG3105017608



Aard onderzoek:

Gelijkvormigheidscontrole van een PV installatie ≤ 10 kVA en/of thuisbatterij volgens (KB 08/09/2019) - AREI Boek 1- 6.4. 4.2.4.3. en 7.112. en synergrid C10/11.

Netbeheerder: FLUVIUS

Spanning: 3N400V

Meter / bord verbinding: 10 mm:

Max beveiliging: 40 A

Aantal borden: 2

Aantal kringen: 2

Aardelektrode: Verticaal of schuin in de grond gedreven staven, pennen of geleiders

Ri algemeen: 1.29 MΩ

RE: 12.78 Ω

OK

OK



DIFFERENTIEELSTROOMINRICHTING

$I\Delta$ (mA)	In (A)	In - andere (A)	I _t	Type	Beveiligde kringen	Test	x 2,5
300	40		22,5kA2s (3000A)	A	Alles	OK	OK

BESCHRIJVING INSTALLATIE

Aantal kringen	Curve	Bescherming IN (A)	(andere)	P	Sectie (mm²)
1	C	25	Pv	2	4
1	C	40	Rem	2	10
Visueel nazicht (algemeen)	OK	Directe aanraking	OK	Indirecte aanraking	OK
Aansluitingen	OK	schema in bijlage door Aceg vzw	NA		
Equipotentiale verbindingen	OK	Doorsnede geleiders	OK		
Continuïteit	OK	Verlichting / toestellen	NVT	Eilandwerking	OK

GROENE METER

Fase	Serie Nr	Meterstand	CE markering	MID markering
OMVORMER				

Aantal: 1	GLV081-08-0013		
Merk: Solis	Serie: S6-GR1P(2.5-5)K	Type: S6-GR1P5K	Aansluitingen: 1-phase
Serienummer: 1002050233200074	Smax (VA): 5000	I AC - nom (A): 21.74	Geschik voor batterij opslag: Nee
Curve: C	IN (A): 25	UDC Max > UDC panelen/string: OK	IDC Max > I str1 + I str2 + ...: OK

FOTOVOLTAISCHE ZONNEPANELEN

Aantal	Merk	Type	Piekvermogen per stuk (Wp)	Totaal Piekvermogen (W)
12	SunPower	P6	405	4860

THUISBATTERIJ

OPMERKINGEN - INBREUKEN - NOTA'S

nota/note 2 Geen inbreuken vastgesteld.

nota/note 25 De panelen zijn niet/slecht zichtbaar & alsook niet bereikbaar.

nota/note 6 Deze controle omvat enkel de PV-installatie.

BESLUIT



De elektrische installatie voldoet aan de voorschriften van het KB 08/09/2019 - AREI Boek 1. Het volgende controlebezoek is te voorzien voor 13/7/2048



De nodige maatregelen werden genomen, zodat de ingangsklemmen van de automatische differentieelstroominrichting, geplaatst aan het begin van de installatie, toegankelijk zijn gemaakt door verzegeling.



Het (de) eendraadsschema(s) en het (de) situatieplan(nen) werd(en) door het erkend organisme voor gezien getekend.

De installatie is aangevat voor 01/06/2023, hierdoor is rekening gehouden met de afwijkende beschikkingen vermeld in 6.5.8. van Boek I.

Deze pdf-versie van het keuringsverslag is de originele versie en mag worden verspreid..

Aantal bijlage(n):

VRIJGAVE VAN HET KEURINGSVERSLAG



Bajram Lalaj
ACEG VZW - #293

Plichten van de eigenaar, beheerder, huurder voor de installatie onderworpen aan het AREI Boek 1 afdeling 9.1.2.

- Het verslag dient te worden bewaard in het dossier van de elektrische installatie.
- Elke wijziging dient te worden vermeld in het elektrisch dossier
- Elk ongeval/overkomen van personen en te wijten, rechtsreeks of onrechtstreeks, aan de aanwezigheid van de elektrische installatie dient onmiddellijk meegedeeld te worden aan de algemene Directie Energie van de Federale Overheidsdienst Economie.

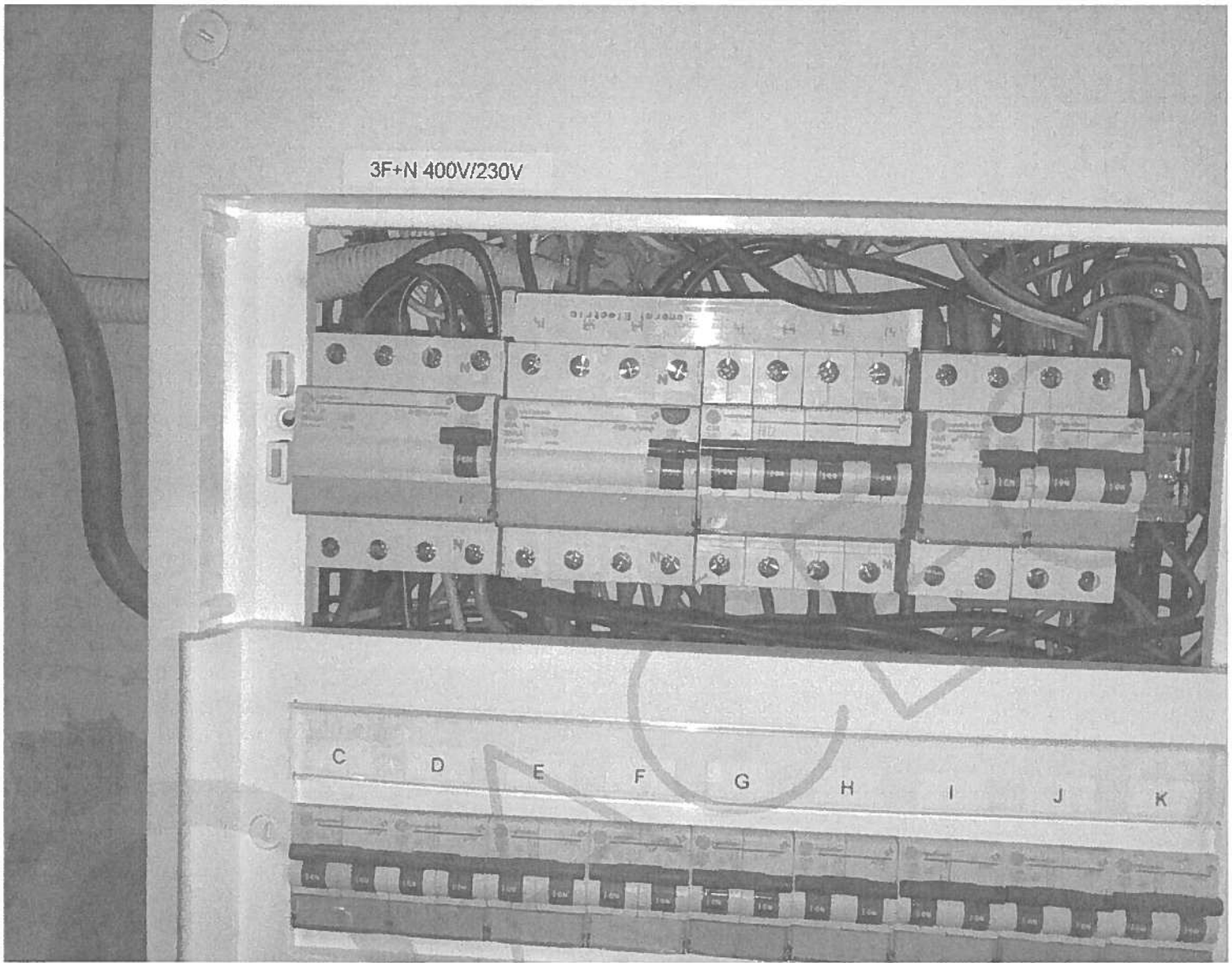
Kwaliteit

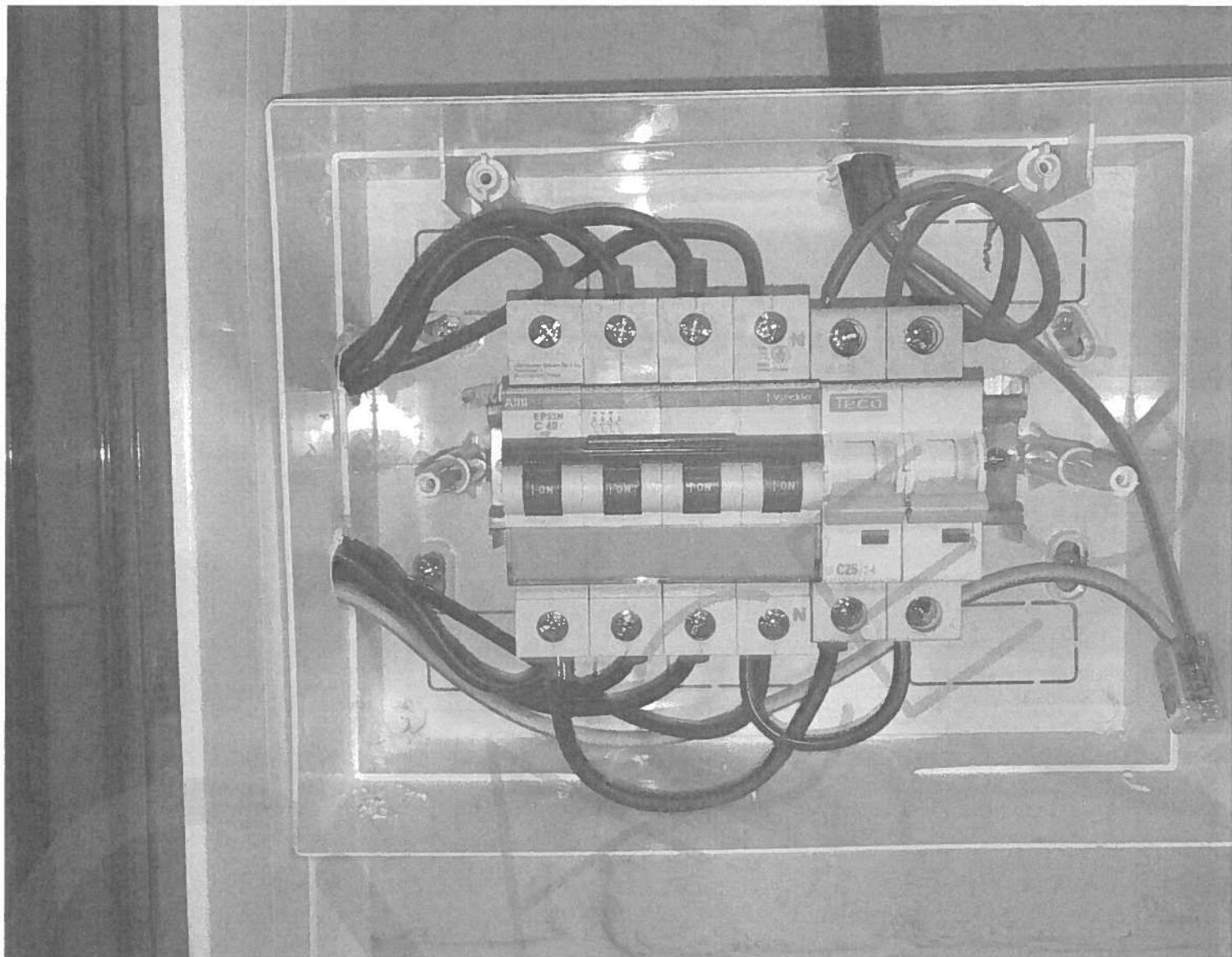
- De reproductie van dit document is enkel toegelaten in zijn integrale vorm en enkel met het schriftelijk akkoord van het controleorganisme en de aanvrager.
- De keuring beperkt zich tot de zichtbare en normaal toegankelijke delen van de installatie.

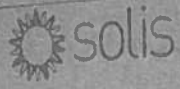
Voor vragen of algemene voorwaarden verwijzen wij graag naar www.aceg.be BE53 0689 0209 2953 | BTW BE0839.866

Stappenplan voor een installatie die conform is:			
Stap 1	Stap 2	Stap 3	Stap 4
Lees dit proces-verbaal zorgvuldig en besteed aandacht aan de eventuele nota's	Als u grote wijzigingen of uitbreidingen aan de installatie aanbrengt, moet u deze laten controleren.	De volgende periodieke keuring is voorzien voor 13/7/2048	ACEG staat tot uw dienst voor alle noodzakelijke keuringen.

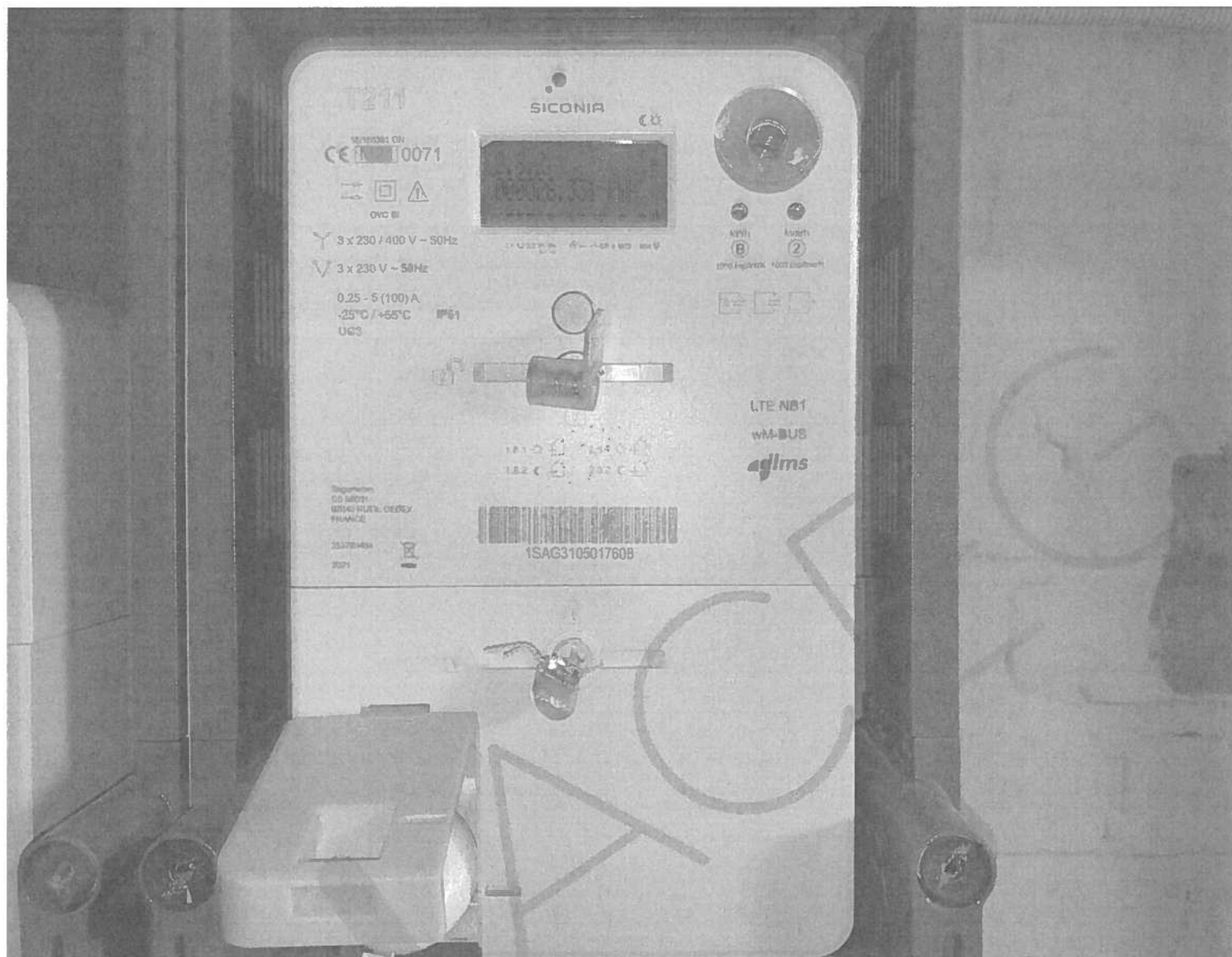
3F+N 400V/230V

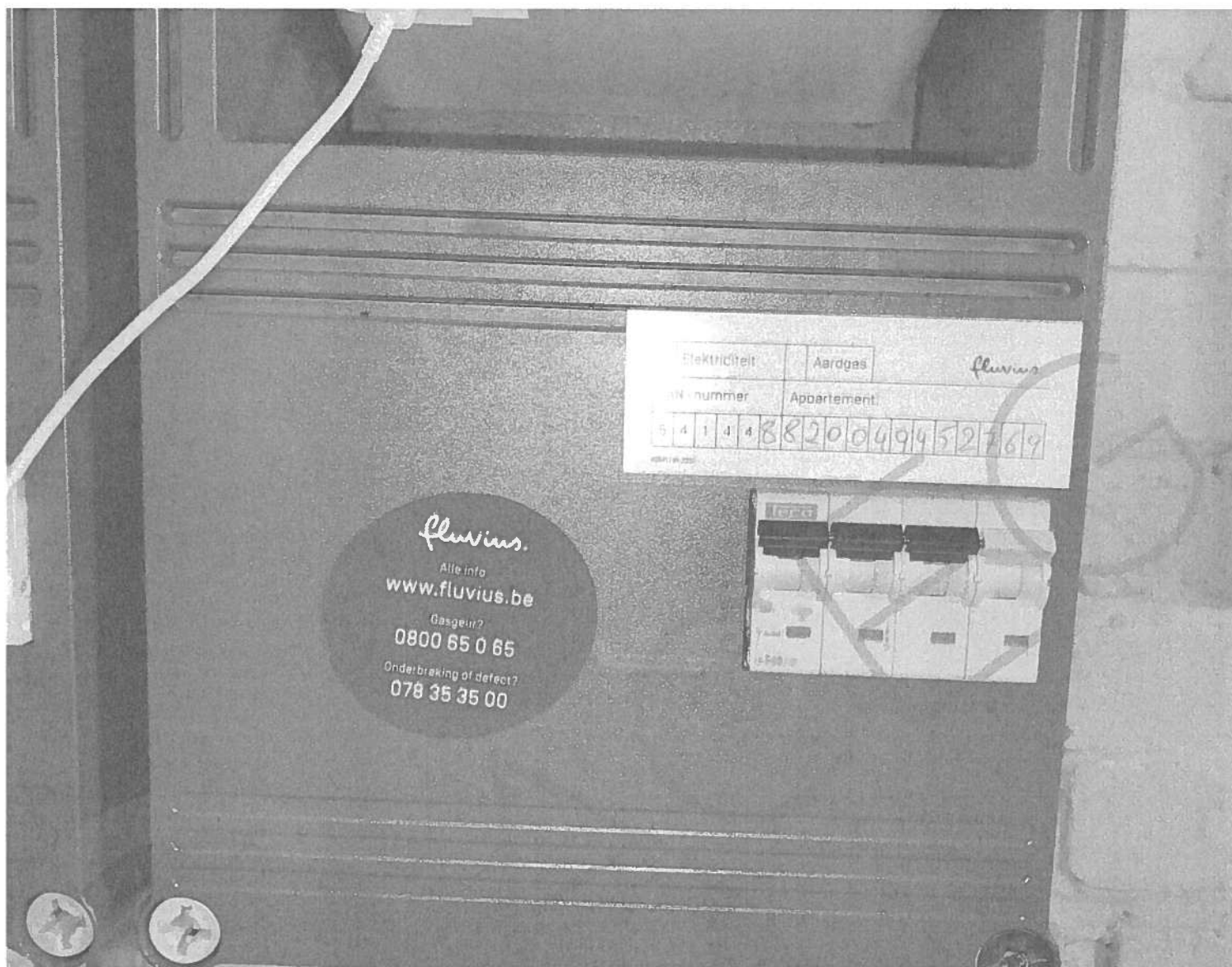




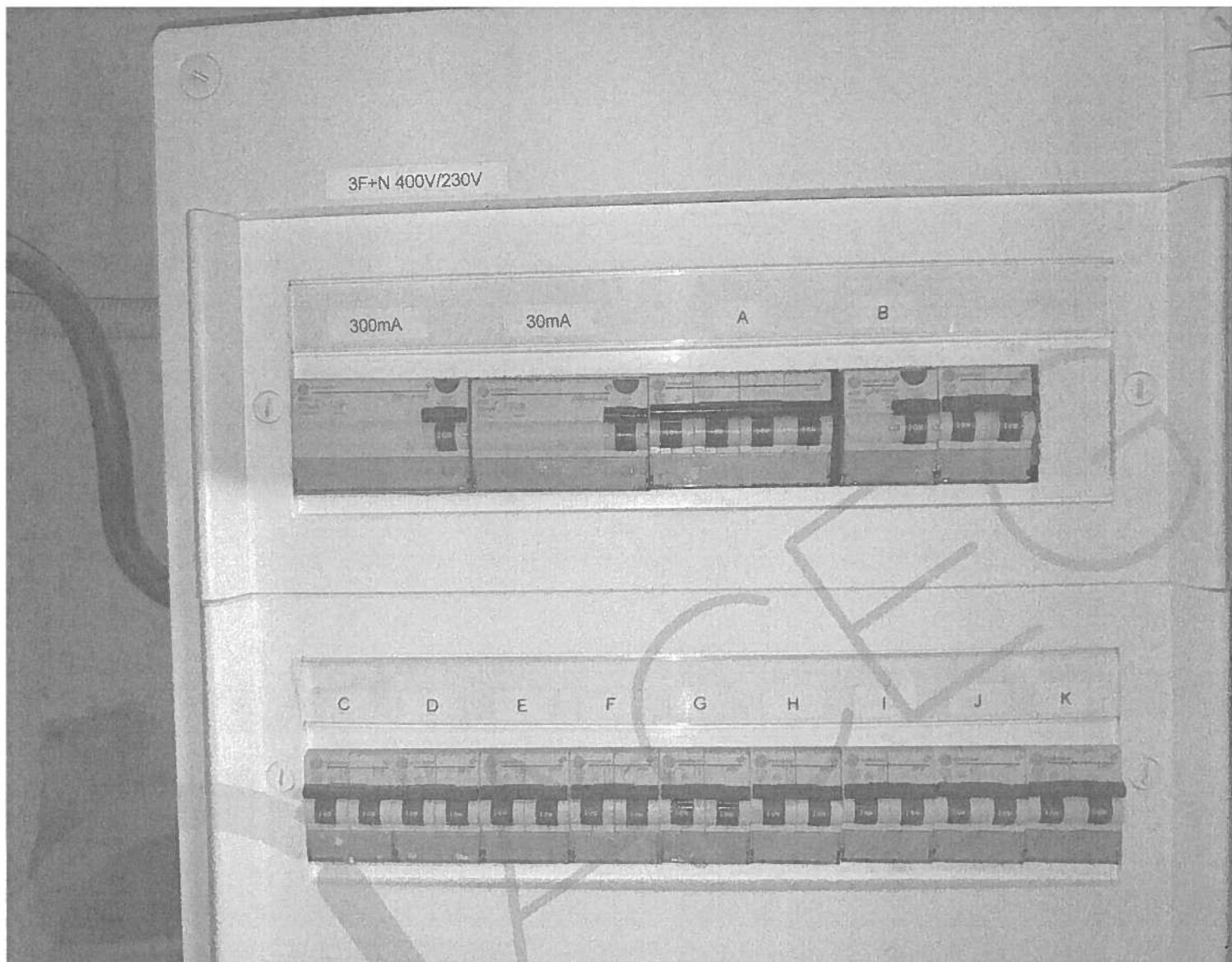


Model: S6-GR1P5K	
Max. input voltage d.c.	600V
Max. voltage range d.c.	90-520V
Max. input current d.c.	2X14A
Isc PV (absolute maximum) d.c.	2X22A
Rated grid voltage a.c.	110V/120V/230V/250V
Rated grid frequency	50/60Hz
Rated output power	5000W/5000VA
Max. AC output active power	5000W
Max. AC output apparent power	5000VA
Max. continuous output current a.c.	25A*
Adjustable cosφ	-0.8...1...+0.8
Operating temperature range	-25...+60°C
Ingress protection	IP66
Protective class	I
Overvoltage category	III(PV)
Inverter topology	III(MAINS)
*Reference current for ASH25 4773 2.1kW/11 consistent with the maximum output current	
Non-isolated	
1000000023290074	
   	
Name: Ginkgo Technologies Co., Ltd.	
Address: No. 57 Jinkang Road, Binjiang Industrial Park, Hangzhou, Zhejiang 311311, P.R. China	
www.solis-inverter.com	
Made in China	





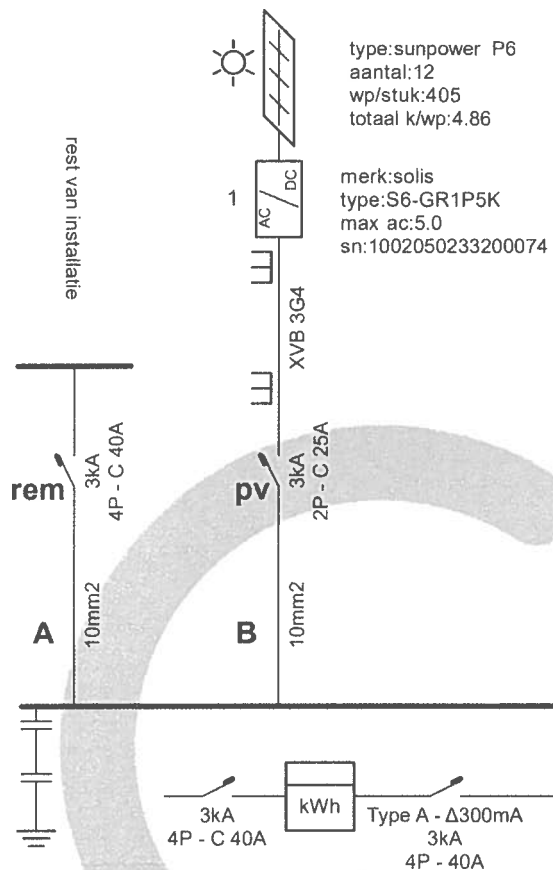










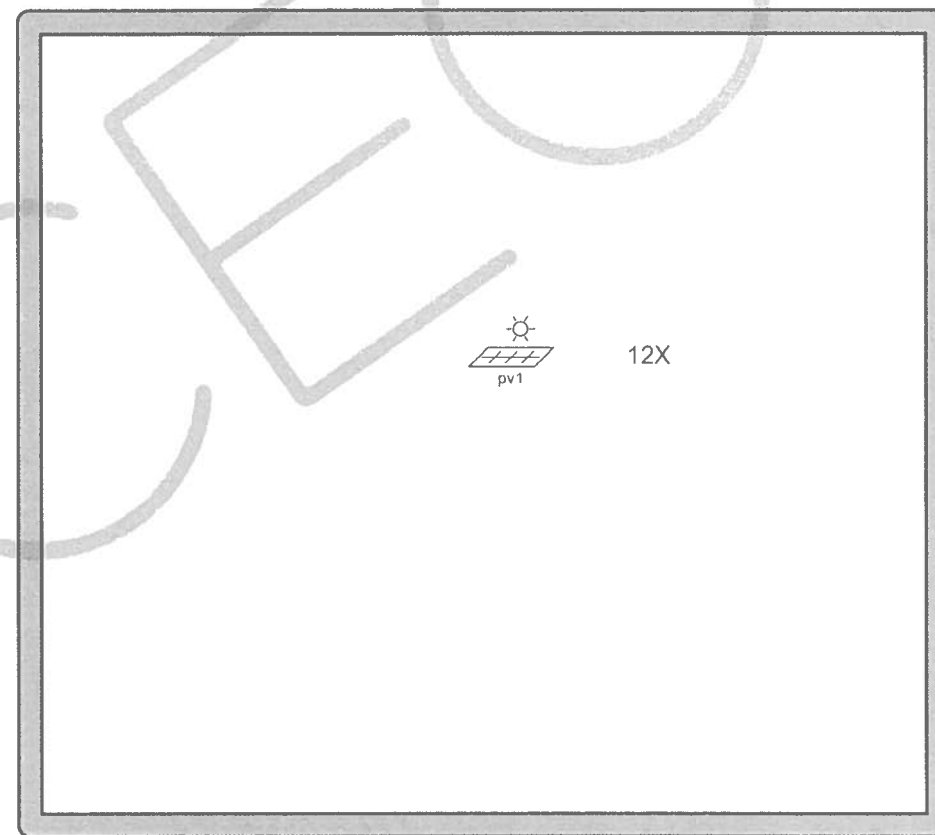
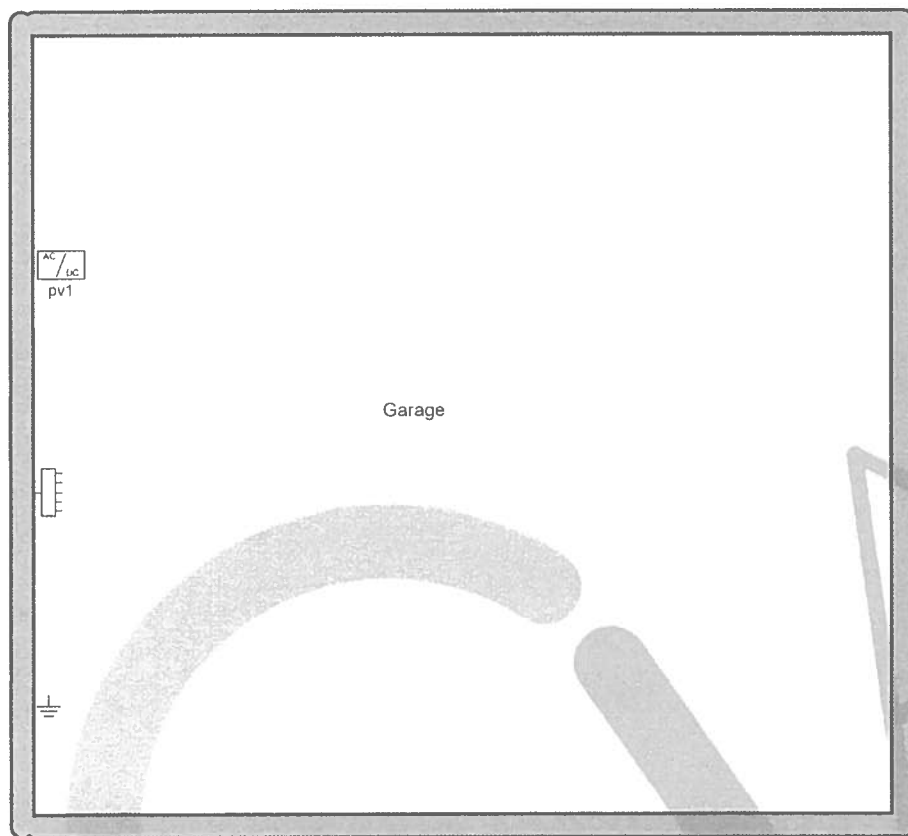


Bajram Lalaj
ACEG VZW - #293

Plaats van de elektrische installatie
clint melders
acacialaan 13
2110 wijnegem

Installateur
IC Solutions
Groendreef 42
9000 Gent
GSM: 0484 73 17 80
e-mail: ismai.cherradi@hotmail.com
BTW BE 0775.662.181

p. 1/2
Eendraadschema
3 x 400V + N ~ 50Hz



Bojram Lataj
ACEG VZW - #293

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clint melders
acacialaan 13
2110 wijnegem

Installateur
IC Solutions
Groendreef 42
9000 Gent
GSM: 0484 73 17 80
e-mail: ismai.cherradi@hotmail.com
BTW BE 0775.662.181

p. 2/2
Situatieschema
3 x 400V + N ~ 50Hz

GLV 081.1	Solis	Solis-mini (700-3600) 4G, Solis 1P (2.5-5)K 4G, Solis 3P (3-20)K 4G, Solis 3P (5-10)K 4G LV, Solis 3P (25-40)K 5G.	
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)			

The undersigned,	Manufacturer:	Ningbo Ginlong Technologies Co., Ltd.	Represented by:	Pan Ruyi
	Address:	No. 57 Jintong Road, Binhai, (seafront), In	Country:	China.
			email:	ruyi.pan@ginlong.com
			Telephone:	(+86) 574 65802188

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.

file.

Done at:	(location)	Ningbo	Homologated by Synergrid on:	
On:	(date)	8. Jan. 20	Stamp Synergrid & signature:	
(stamp manufacturer & signature)		Pan Ruyi	宁波锦浪新能源科技有限公司 NINGBO GINLONG TECHNOLOGIES CO., LTD.	 

* Transition period till 01/05/2020 (see exceptions in chapter 3 of C10/11 ed 2.1 (01/09/2019)):

13.02.2020 SYNERGRID a.s.b./v.z.w.
Galerie Ravensteingalerij 4/2
BE-1000 Bruxelles/Brussel
T.V.A./B.T.W : BE 0402.958.091

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

GLV	SOLIS	1600) 16, SOLIS 1P 12 130K 16, SOLIS 1P 13 10K 16, SOLIS 15 10K 16 1V SOLIS 1P (25 10K 16
-----	-------	--

checklist ed 2.1.2 (12/2019)

宁波锦浪新能源科技有限公司
NINGBO GINLONG TECHNOLOGIES CO., LTD.

Pan R

1	2	3	4	5	6	7	8	9	10	11				12		13				14	15					
SYNERGRID reference number (GLVxxx-yy-zzzz)	BRAND NAME	Name of the product SERIES	REFERENCE of the model / type of the unit	FIRMWARE VERSION	ONLY for units (suitable for) energy storage: Name and reference of the power control system		POWER		1-phase or 3-phase	ADDITIONAL CHARACTERISTICS				LIMITATIONS		APPLICATION				Synergrid approval date						
					power control system type EnFluRI	other power control system	P_{acr} rated (active) power (W)	S_{max} maximum apparent power (VA)		D.3 integrated automatic separation system	D.4.1 TTC type B ready = suitable for use in installation ≥ 1 MW	D.6.2 power response to underfrequency additional operating frequency range (61.5 Hz - 52.5 Hz)	D.7.2 active power reduction P(U)	O compliant power control system provided (e.g. EnFluRI)	D.2.1 only homologated for "small power" generating installations	D.4.3 only homologated for connection to HT-network	D.9.1 only homologated for use in module < 800kW	(---) only homologated as a battery 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 01/01/2020)	Final homologation
	Solis	mini-(700-3600)-4G	Solis-mini-700-4G	V26			700	800	1-phase	✓			✓			✓										
	Solis	mini-(700-3600)-4G	Solis-mini-1000-4G	V26			1000	1100	1-phase	✓			✓			✓										
	Solis	mini-(700-3600)-4G	Solis-mini-1500-4G	V26			1500	1700	1-phase	✓			✓			✓										
	Solis	mini-(700-3600)-4G	Solis-mini-2000-4G	V26			2000	2200	1-phase	✓			✓			✓										
	Solis	mini-(700-3600)-4G	Solis-mini-2500-4G	V26			2500	2800	1-phase	✓			✓			✓										
	Solis	mini-(700-3600)-4G	Solis-mini-3000-4G	V26			3000	3300	1-phase	✓			✓			✓										
	Solis	mini-(700-3600)-4G	Solis-mini-3600-4G	V26			3600	3600	1-phase	✓			✓			✓										
	Solis	1P(2.5-5)K-4G	Solis-1P2.5K-4G	V26			2500	2800	1-phase	✓			✓			✓										
	Solis	1P(2.5-5)K-4G	Solis-1P3K-4G	V26			3000	3300	1-phase	✓			✓			✓										
	Solis	1P(2.5-5)K-4G	Solis-1P3.6K-4G	V26			3600	4000	1-phase	✓			✓			✓										
	Solis	1P(2.5-5)K-4G	Solis-1P4K-4G	V26			4000	4400	1-phase	✓			✓			✓										
	Solis	1P(2.5-5)K-4G	Solis-1P4.6K-4G	V26			4600	5000	1-phase	✓			✓			✓										
	Solis	1P(2.5-5)K-4G	Solis-1P5K-4G	V26			5000	5000	1-phase	✓			✓			✓										
	Solis	3P(3-20)K-4G	Solis-3P3K-4G	V27			3000	3300	3-phase	✓			✓			✓										
	Solis	3P(3-20)K-4G	Solis-3P4K-4G	V27			4000	4400	3-phase	✓			✓			✓										
	Solis	3P(3-20)K-4G	Solis-3P5K-4G	V27			5000	5500	3-phase	✓			✓			✓										
	Solis	3P(3-20)K-4G	Solis-3P6K-4G	V27			6000	6600	3-phase	✓			✓			✓										
	Solis	3P(3-20)K-4G	Solis-3P8K-4G-BE	V27			8000	8800	3-phase	✓			✓			✓										
	Solis	3P(3-20)K-4G	Solis-3P10K-4G	V27			10000	10000	3-phase	✓			✓			✓										
	Solis	3P(3-20)K-4G	Solis-3P10K-4G-BE	V27			10000	10000	3-phase	✓			✓			✓										
	Solis	3P(3-20)K-4G	Solis-3P12K-4G	V27			12000	13200	3-phase	✓			✓			✓										
	Solis	3P(3-20)K-4G	Solis-3P15K-4G	V27			15000	16500	3-phase	✓			✓			✓										
	Solis	3P(3-20)K-4G	Solis-3P17K-4G	V27			17000	18700	3-phase	✓			✓			✓										
	Solis	3P(3-20)K-4G	Solis-3P20K-4G	V27			20000	22000	3-phase	✓			✓			✓										
	Solis	3P(5-10)K-4G-LV	Solis-3P5K-4G-LV	V27			5000	5500	3-phase	✓			✓			✓										
	Solis	3P(5-10)K-4G-LV	Solis-3P6K-4G-LV	V27			6000	6600	3-phase	✓			✓			✓										
	Solis	3P(5-10)K-4G-LV	Solis-3P10K-4G-LV	V27			10000	10000	3-phase	✓			✓			✓										
	Solis	3P(25-40)K-5G	Solis-25K-5G	V2A			25000	27500	3-phase	✓			✓			✓										
	Solis	3P(25-40)K-5G	Solis-30K-5G	V2A			30000	33000	3-phase	✓			✓			✓										
	Solis	3P(25-40)K-5G	Solis-33K-5G	V2A			33000	36300	3-phase	✓			✓			✓										
	Solis	3P(25-40)K-5G	Solis-36K-5G	V2A			36000	39600	3-phase	✓			✓			✓										
	Solis	3P(25-40)K-5G	Solis-40K-5G	V2A			40000	44000	3-phase	✓			✓			✓										

30/04/2

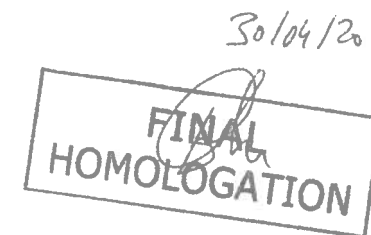
FINAL
HOMOLOGATION

SYNERGRID a.s.b.l.-v.z.w.
Galerie Ravensteingalerij 4/2
BE-1000 Bruxelles/Brussel
T.V.A./B.T.W. : BE 0402.958.091

EXPLANATIONS FOR THE COMPLETION OF THE TABLE

Column	Title	Remarks
1	SYNERGRID reference number (GI VXXx 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 of the manufacturer yy = serial number of manufacturer xxx's record xxx zzzz = unique unit reference for the manufacturer xxx <i>Note: "GI.V" is the internal Synergrid abbreviation for Declaration of Conformity, based on the Dutch word "Gelijkvormigheidsverklaring".</i>
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. <i>Note: For each separate product range (or each group of units with common characteristics) a separate checklist according to Appendix B is required (sheet 3) together with the corresponding conformity proof documents.</i>
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 EnflaKi	This case is only applicable for units (suitable for) energy storage, provided with a power control system of type EnflaKi. Name and reference of the power control system of type EnflaKi, compliant to the requirements in C10/11 ed2.1 (01/09/2019) § 4.1.7 and § 4.11.2.1
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 EnflaKi. 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 _{act} 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 62040-2016-11)
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 B and the corresponding technical file. Put an "X" at each relevant additional characteristic. <i>Note: Only units < 1 MW that are "type B ready" may be applied in an installation ≥ 1 MW (installation "type B" according to the European Network Code RIG). A unit < 1 MW is only "type B ready" if it complies with all optional properties ticked in column 1 of the checklist Annex B.</i>
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 B and the corresponding technical file. Put an "X" to each relevant limitation.
13	Application	Indicate the applications for which the unit is suitable. Include an "X" with each application for which the unit can be used.
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). The expiry date for a temporary homologation is 01/05/2020 - see conditions in chapter 3 of C10/11 ed2.1 (01/09/2019).
15	Synergrid approval date Final homologation	Date on which the submitted homologation file was definitively approved by Synergrid. A final approval will be granted as soon as Synergrid has a fully compliant homologation dossier. A final homologation only remains valid under the following conditions: No changes that have an influence on the initial approval are made to (the production of) the units. There is no new edition of prescription C10/11. The validity date of the test reports in the technical file submitted for approval has not been exceeded. See also the general Synergrid procedure SI/01 for homologation of material, which is applicable. (1)

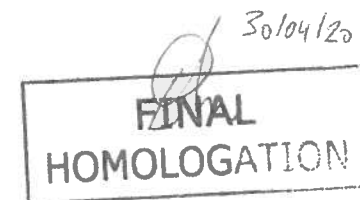
(1) - SI/01 technical specification: procedure for application for homologation and renewal of homologation of materials



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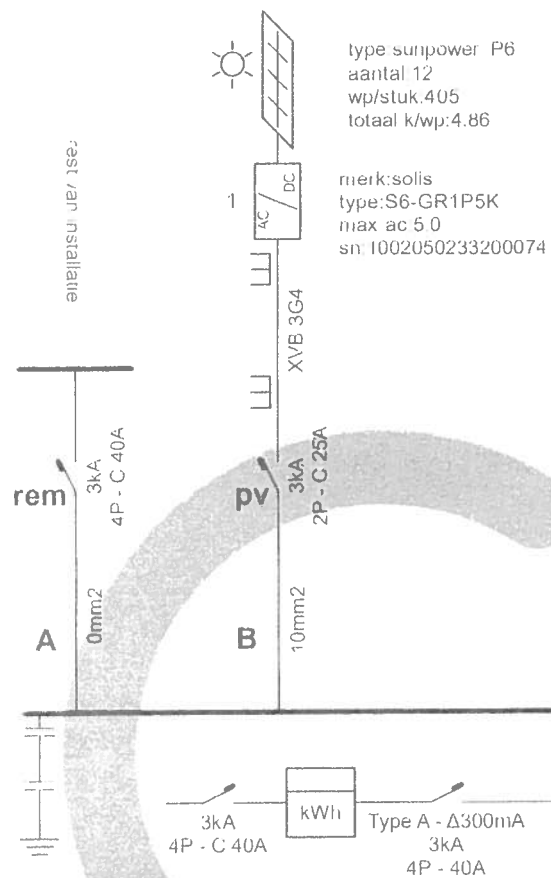
Pan Rui

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 units do not yet 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.



宁波裕浪新能源科技有限公司
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Pan Rui



Bajram Lalaj
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p. 1/2
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