



Überwachte Fertigungsstätte *Approved Place of Manufacture*

Sputnik Engineering AG
Länggasse 85
2504 Biel
SCHWEIZ

Fertigungsstätten Nr. /Factory No.: 30019032

Die Überwachung der Fertigungsstätte erfolgte nach dem europäischen Werksinspektions-Verfahren auf Basis der folgenden Schriftstücke: / *The surveillance of the factory was performed according to the European Factory Inspection Procedure based on the following documents:*

ECS/CIG 021 – 024
Mai/May 2009

**Werksinspektionsverfahren, Harmonisierte Anforderungen/
*Factory Inspection Procedure - Harmonized Requirements***

Die Anforderungen wurden erfüllt. / *The requirements have been fulfilled.*

Datum der letzten Inspektion: / *Date of last inspection:*

2013-09-25

Produktkategorie: Siehe Anhang 1 /
Product Category: See Appendix 1

VDE Prüf- und Zertifizierungsinstitut GmbH
Werksinspektion und Konformitätsüberwachung
VDE Testing and Certification Institute
Factory Inspection and Conformity Control

Inspektionsstelle / Inspection Body


Thomas Bilz

Datum / *Date:* 2013-09-30

Merianstrasse 28, 63069 Offenbach, Deutschland / *Germany*
Telefon / *Phone:* +49 69 83 06-0, Telefax / *fax:* +49 69 83 06-555

Dieses Zertifikat ist nicht übertragbar auf andere Fertigungsstätten und berechtigt nicht zum Führen eines VDE-Zeichens. /
This certificate is not transferable to other places of manufacture and does not authorize to use any VDE Mark.

Die VDE Prüf- und Zertifizierungsinstitut GmbH ist durch die Deutsche Akkreditierungsstelle DAkkS akkreditiert./
The VDE Testing and Certification Institute is accredited by the German Accreditation Body DAkkS.

VDE
INSTITUT

VDE Testing and Certification Institute

Appendix to Approved Place of Manufacture
30019032

Date 2013-09-30 Page 1/1

VDE ID. No. License Holder 5008832	Name Sputnik Engineering AG	Address Länggasse 85 2504 Biel Schweiz
--	---------------------------------------	--

Product Power Inverter

License No. n/a
Standard(s) n/a

Type (s) SolarMax



Identification code Item no: XXXX-2	8MT2 15MT2	10MT2	13MT2
--	---------------	-------	-------

Identification code Item no: XXXX-1	10MT 15MT 3000S 2000P 4600P	13MT3 15MT3 4200S 3000P 5000P	13MT 2000S 6000S 4000P
--	---	---	---------------------------------

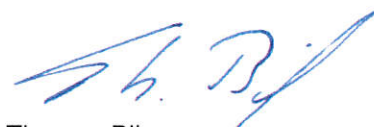
VDE ID. No. Factory 30019032	Name Sputnik Engineering AG	Address Länggasse 85 2504 Biel Schweiz
--	---------------------------------------	--

The above mentioned manufacturing plant is under a periodic factory surveillance programme in the frame of VDE type approval certification according to IEC62109-1 and DIN EN 50178.

The above mentioned manufacturer has a valid certification for all types according CEI-021.

Identification / Serial number	Process steps in factory	Yes	No
n/a	Development	<input checked="" type="checkbox"/>	<input type="checkbox"/>
n/a	Assembly	<input checked="" type="checkbox"/>	<input type="checkbox"/>
n/a	Electrical tests	<input checked="" type="checkbox"/>	<input type="checkbox"/>

VDE Testing and Certification Institute
 Factory Inspection and Conformity Control
 Inspection Body


 Thomas Bilz



VDE Prüf- und Zertifizierungsinstitut GmbH • Merianstraße 28 • D-63069 Offenbach

Sputnik Engineering AG
Länggasse 85
2504 BIEL
SCHWEIZ



Offenbach, 2013-09-30

Your ref.

Your letter

Our ref. - please indicate

F-5008832

30019032

IC1/krm

Contact

Mr. Kremeier

Tel (+49) (69) 83 06-674

Fax (+49) (69) 83 06-578

markus.kremeier@vde.com

Place of Manufacture: Sputnik Engineering AG, Länggasse 85, 2504 BIEL, SCHWEIZ

Declaration – Clarification of the Factory Inspection Certificate

We hereby declare that the Appendix to Factory Inspection Certificate 30019032, issued 2013-09-30 based on factory inspection carried out at all manufacturing plants of inverter to be certified

The factory inspection has been performed from an authorized Inspector based on the ECS requirements (CIG 021-024) which also fulfil the GSE requirements ("*Quinto conto Energia; chiarimenti sulla definizione di edificio energeticamente certificabile e sulle Certificazioni/attestazioni riguardanti I moduli fotovoltaici ed I gruppi di conversione(inverter) necessarie per l'ammissione alle tariffe incentivanti*" issued in date 06 September 2012).

The manufacturer has implemented a certified quality management system. The quality management system and the factory inspection guarantee a constant high quality level of all products.



The relevant objective evidences, to show the verification of the production process and check the quality of the material are recorded in the inspection report.

Following the relevant parts of the reports:

- **CIG 023 Point 2:** Verification of purchased components and materials which have a safety implication on the certified product (Incoming Inspection)
- **CIG 023 Point 3:** Production control, Inspection and Routine Tests
- **CIG 023 Point 4:** Function Check on Test and Measuring Equipment used for Safety Tests
- **CIG 023 Point 5:** Products seen in Production during visit
- **CIG 023 Point 6:** Calibration of Safety Test and Measuring Equipment
- **CIG 023 Point 7:** Handling and Storage
- **CIG 023 Point 8:** Product Verification Tests / Periodic Tests (PVT)
- **CIG 023 Point 11:** Quality Management System
- **CIG 023 Point 12:** Manufacturer's self assessment of the manufacturing- and control process of certified products
- **CIG 023 Point 14:** Customer Complaints
- **CIG 023 Point 15:** Changes of Certified Products

Yours sincerely

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Section IC1



Markus Kremeier



MEMBER OF THE **VDE** ASSOCIATION FOR ELECTRICAL, ELECTRONIC & INFORMATION TECHNOLOGIES

Managing Director
Dipl.-Ing./Dipl.-Kfm. Wilfried Jäger
Merianstrasse 28
D-63069 Offenbach
Phone: +49 (0) 69 83 06-0
Fax: +49 (0) 69 83 06-555
E-mail: vde-institut@vde.com
<http://www.vde.com>

Venue:
Offenbach/Main
HRB 43618
VAT-IDNo.: DE261922990
Tax No.: 04425092566

Make Payments to
Commerzbank AG
BLZ 500 800 00
Account-No.: 198 027 000
S.W.I.F.T.-Code:
DRES DE FF XXX
IBAN
DE 9150080000198027000

Notified Body according to the Product Safety Act (ProdSG) and the EMC Directive 2004/108/EC. Accredited according to DIN EN ISO/IEC 17020, 17021, 17025 and DIN EN 45011. Recognized Testing and Certification Body for International IEC certification schemes (IECEE and IECQ) and European certification schemes (CCA, HAR, ENEC).