


Prüfbericht-Nr.: <i>Test report no.:</i>	CN21W3HK 002	Auftrags-Nr.: <i>Order no.:</i>	244345023	Seite 1 von 12 Page 1 of 12	
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	1344616	Auftragsdatum: <i>Order date:</i>	2021.07.08		
Auftraggeber: <i>Client:</i>	SolaX Power Network Technology (Zhejiang) Co., Ltd.				
Prüfgegenstand: <i>Test item:</i>	Grid tied inverter with storage system				
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	Q.VOLTHYB-G3 xkW y (x=5. 0, 6.0, 8.0, 10.0, 12.0 15.0; y=3P or 3P-D)				
Auftrags-Inhalt: <i>Order content:</i>	TÜV Rheinland Co-License Approval				
Prüfgrundlage: <i>Test specification:</i>	PPDS:2020				
Wareneingangsdatum: <i>Date of sample receipt:</i>	2021.07.20				
Prüfmuster-Nr.: <i>Test sample no.:</i>	Engineering sample				
Prüfzeitraum: <i>Testing period:</i>	2021.07.23 - 2021.08.01				
Ort der Prüfung: <i>Place of testing:</i>	TÜV Rheinland (Shanghai) Co., Ltd.				
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shanghai) Co., Ltd.				
Prüfergebnis*: <i>Test result*:</i>	Pass				
geprüft von: tested by: Jane Zhang	genehmigt von: authorized by: John Dai				
Datum: Date: 2021.08.03	Jane Zhang		Ausstellatum: Issue date: 2021.08.04	John Dai	
Stellung / Position:	Sachverständige(r)/Expert	Stellung / Position:	Sachverständige(r)/Expert		
Sonstiges / Other:	<p>-The product could be installed with battery energy system Q.SAVE-G3 xx kWh(Q.SAVE BMS-G3+n*Q.SAVE BAT-G3)xx=3.0, 6.0, 9.0, 12.0;n=1, 2, 3, 4.</p> <p>-The mentioned models listed on above are identical to the original models in the previous section CN21W3HK 001 except for model name, trademark and/or license holder etc. See following pages for details.</p>				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>				
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend N/A = nicht anwendbar	5 = mangelhaft N/T = nicht getestet
* Legend:	1 = very good P(ass) = passed a. m. test specification(s)	2 = good F(ail) = failed a. m. test specification(s)	3 = satisfactory N/A = not applicable	4 = sufficient N/A = not applicable	5 = poor N/T = not tested
<p>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i></p>					

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Anmerkungen
Remarks

1	<p>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i></p>
2	<p>Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben.</p> <p><i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged.</i></p>
3	<p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report. Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p>

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Produktbeschreibung
Product description

General Information:

Client Name & Address:	SolaX Power Network Technology (Zhejiang) Co., Ltd. No. 288 Shizhu Road, Tonglu Economic Development Zone, Dongxing District, 311500 Tonglu City, Zhejiang Province, P.R.China
Co-License Holder Name & Address:	SolaX Power Network Technology (Zhejiang) Co., Ltd. No. 288 Shizhu Road, Tonglu Economic Development Zone, Dongxing District, 311500 Tonglu City, Zhejiang Province, P.R.China
Manufacturer Name & Address:	SolaX Power Network Technology (Zhejiang) Co., Ltd. No. 288 Shizhu Road, Tonglu Economic Development Zone, Dongxing District, 311500 Tonglu City, Zhejiang Province, P.R.China
Factory(ies) Name & Address:	SolaX Power Network Technology (Zhejiang) Co., Ltd. No. 288 Shizhu Road, Tonglu Economic Development Zone, Dongxing District, 311500 Tonglu City, Zhejiang Province, P.R.China

List of Appendix :

N/A


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Produktbeschreibung
Product description

Produktdetails
Product details

Product Name: Grid tied inverter with storage system

Trademark: 

Model Name: Q.VOLT HYB-G3 xkW y (x=5. 0, 6.0, 8.0, 10.0, 12.0 15.0; y=3P or 3P-D)

Ratings: See label below

Protection Class: See label below

Others: N/A

Sonstiges
Other

Model difference:

See original report CN21W3HK 001.

Test samples, as well sample information, description, product details and intended usage was provided by customer.

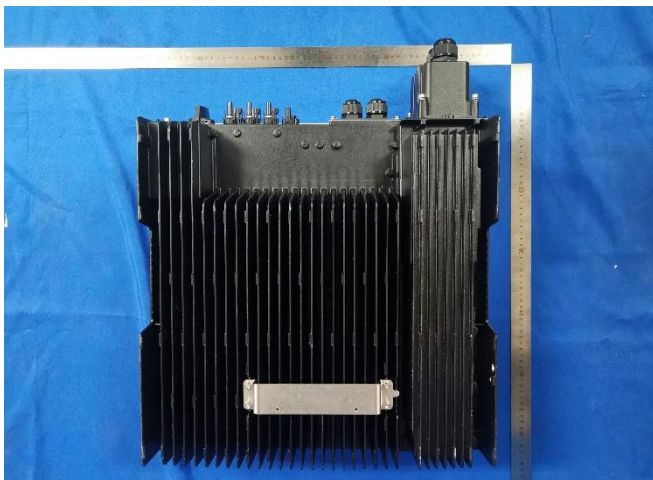
Prüfmusterbereitstellung:
Test sample obtaining:

Sending by customer

Sampling by TÜV Rheinland Group

others:

Pic 1



Pic 2



Pic 3



Pic 4




Produktbeschreibung
Product description

Copy of marking plate:

GRID SUPPORT UTILITY-INTERACTIVE TRANSFORMERLESS INVERTER

Model: Inverter SN:




Q.VOLT HYB-G3 5.0kW 3P

DC INPUT/OUTPUT	
Max. DC Voltage	1000V ----
MPP Voltage Range	180-950V ----
Max. DC Current (Input A/Input B)	14A/14A
Isc PV (Input A/Input B)	16A/16A
Battery Voltage Range	180-650V ----
Max. Charge and Discharge Current	30A/30A

AC INPUT/OUTPUT	
Nominal AC Voltage ,Frequency	380V/400V/415V,50Hz/60Hz
Max. Apparent AC Output Power	5500VA
Nominal AC Output/Input Power (@cosφ=1)	5000W/10000W
Max. AC Output/Input Current	8.1A/16.1A
Power Factor Range	0.8 Leading- 0.8 Lagging
Off-grid Nominal Voltage ,Frequency	400V/230V,50/60Hz
Off-grid Nominal Apparent Power	5000VA

OTHERS	
Operating Ambient Temperature Range	-35...60℃
Ingress Protection	IP65
Protective Class	I
Over Voltage Category	III (MAINS),II (DC)
Safety	IEC62109-1/IEC62109-2
VDE-AR-N 4105 / VDE 0126-1-1 A1:2012 / EN 50549 / AS4777 / G98 G99 / CEI 0-21	


DRM0 DRM1 DRM2 DRM3 DRM4 DRM5 DRM6 DRM7 DRM8



SolaX Power Network Technology (Zhe jiang) CO.,LTD.
ADD: No.288 Shizhu Road, Tonglu Economic Development Zone. Tonglu City, Zhejiang Province 310000P. R. CHINA
MADE IN CHINA 612.01977.00

GRID SUPPORT UTILITY-INTERACTIVE TRANSFORMERLESS INVERTER

Model: Inverter SN:




Q.VOLT HYB-G3 5.0kW 3P-D

DC INPUT/OUTPUT	
Max. DC Voltage	1000V ----
MPP Voltage Range	180-950V ----
Max. DC Current (Input A/Input B)	14A/14A
Isc PV (Input A/Input B)	16A/16A
Battery Voltage Range	180-650V ----
Max. Charge and Discharge Current	30A/30A

AC INPUT/OUTPUT	
Nominal AC Voltage ,Frequency	380V/400V/415V,50Hz/60Hz
Max. Apparent AC Output Power	5500VA
Nominal AC Output/Input Power (@cosφ=1)	5000W/10000W
Max. AC Output/Input Current	8.1A/16.1A
Power Factor Range	0.8 Leading- 0.8 Lagging
Off-grid Nominal Voltage ,Frequency	400V/230V,50/60Hz
Off-grid Nominal Apparent Power	5000VA


OTHERS	
Operating Ambient Temperature Range	-35...60℃
Ingress Protection	IP65
Protective Class	I
Over Voltage Category	III (MAINS),II (DC)
Safety	IEC62109-1/IEC62109-2
VDE-AR-N 4105 / VDE 0126-1-1 A1:2012 / EN 50549 / AS4777 / G98 G99 / CEI 0-21	

DRM0 DRM1 DRM2 DRM3 DRM4 DRM5 DRM6 DRM7 DRM8



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Produktbeschreibung
Product description

GRID SUPPORT UTILITY-INTERACTIVE TRANSFORMERLESS INVERTER 


Model: Inverter SN:

Q.VOLT HYB-G3 6.0kW 3P

DC INPUT/OUTPUT								
Max. DC Voltage	1000V ----							
MPP Voltage Range	180-950V ----							
Max. DC Current (Input A/Input B)	14A/14A							
Isc PV (Input A/Input B)	16A/16A							
Battery Voltage Range	180-650V ----							
Max. Charge and Discharge Current	30A/30A							
AC INPUT/OUTPUT								
Nominal AC Voltage ,Frequency	380V/400V/415V,50Hz/60Hz							
Max. Apparent AC Output Power	6600VA							
Nominal AC Output/Input Power (@cos φ=1)	6000W/12000W							
Max. AC Output/Input Current	9.7A/19.3A							
Power Factor Range	0.8 Leading- 0.8 Lagging							
Off-grid Nominal Voltage ,Frequency	400V/230V,50/60Hz							
Off-grid Nominal Apparent Power	6000VA							
OTHERS								
Operating Ambient Temperature Range	-35...60°C							
Ingress Protection	IP65							
Protective Class	I							
Over Voltage Category	III (MAINS),II (DC)							
Safety	IEC62109-1/IEC62109-2							
VDE-AR-N 4105 / VDE 0126-1-1 A1:2012 / EN 50549 / AS4777 / G98 G99 / CEI 0-21								
DRM0	DRM1	DRM2	DRM3	DRM4	DRM5	DRM6	DRM7	DRM8
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


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GRID SUPPORT UTILITY-INTERACTIVE TRANSFORMERLESS INVERTER 


Model: Inverter SN:


Q.VOLT HYB-G3 6.0kW 3P-D


DC INPUT/OUTPUT								
Max. DC Voltage	1000V ----							
MPP Voltage Range	180-950V ----							
Max. DC Current (Input A/Input B)	14A/14A							
Isc PV (Input A/Input B)	16A/16A							
Battery Voltage Range	180-650V ----							
Max. Charge and Discharge Current	30A/30A							
AC INPUT/OUTPUT								
Nominal AC Voltage ,Frequency	380V/400V/415V,50Hz/60Hz							
Max. Apparent AC Output Power	6600VA							
Nominal AC Output/Input Power (@cos φ=1)	6000W/12000W							
Max. AC Output/Input Current	9.7A/19.3A							
Power Factor Range	0.8 Leading- 0.8 Lagging							
Off-grid Nominal Voltage ,Frequency	400V/230V,50/60Hz							
Off-grid Nominal Apparent Power	6000VA							
OTHERS								
Operating Ambient Temperature Range	-35...60°C							
Ingress Protection	IP65							
Protective Class	I							
Over Voltage Category	III (MAINS),II (DC)							
Safety	IEC62109-1/IEC62109-2							
VDE-AR-N 4105 / VDE 0126-1-1 A1:2012 / EN 50549 / AS4777 / G98 G99 / CEI 0-21								
DRM0	DRM1	DRM2	DRM3	DRM4	DRM5	DRM6	DRM7	DRM8
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>













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Produktbeschreibung
Product description

GRID SUPPORT UTILITY-INTERACTIVE TRANSFORMERLESS INVERTER 


Model: Inverter SN:

Q.VOLT HYB-G3 8.0kW 3P

DC INPUT/OUTPUT								
Max. DC Voltage	1000V ----							
MPP Voltage Range	180-950V ----							
Max. DC Current (Input A/Input B)	26A/14A							
Isc PV (Input A/Input B)	30A/16A							
Battery Voltage Range	180-650V ----							
Max. Charge and Discharge Current	30A/30A							
AC INPUT/OUTPUT								
Nominal AC Voltage ,Frequency	380V/400V/415V,50Hz/60Hz							
Max. Apparent AC Output Power	8800VA							
Nominal AC Output/Input Power (@cos φ=1)	6000W/12000W							
Max. AC Output/Input Current	12.9A/25.8A							
Power Factor Range	0.8 Leading- 0.8 Lagging							
Off-grid Nominal Voltage ,Frequency	400V/230V,50/60Hz							
Off-grid Nominal Apparent Power	8000VA							
OTHERS								
Operating Ambient Temperature Range	-35...60°C							
Ingress Protection	IP65							
Protective Class	I							
Over Voltage Category	III (MAINS),II (DC)							
Safety	IEC62109-1/IEC62109-2							
VDE-AR-N 4105 / VDE 0126-1-1 A1:2012 / EN 50549 / AS4777 / G98 G99 / CEI 0-21								
DRM0	DRM1	DRM2	DRM3	DRM4	DRM5	DRM6	DRM7	DRM8
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>











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GRID SUPPORT UTILITY-INTERACTIVE TRANSFORMERLESS INVERTER 

Model: Inverter SN:

Q.VOLT HYB-G3 8.0kW 3P-D


DC INPUT/OUTPUT								
Max. DC Voltage	1000V ----							
MPP Voltage Range	180-950V ----							
Max. DC Current (Input A/Input B)	26A/14A							
Isc PV (Input A/Input B)	30A/16A							
Battery Voltage Range	180-650V ----							
Max. Charge and Discharge Current	30A/30A							
AC INPUT/OUTPUT								
Nominal AC Voltage ,Frequency	380V/400V/415V,50Hz/60Hz							
Max. Apparent AC Output Power	8800VA							
Nominal AC Output/Input Power (@cos φ=1)	6000W/12000W							
Max. AC Output/Input Current	12.9A/25.8A							
Power Factor Range	0.8 Leading- 0.8 Lagging							
Off-grid Nominal Voltage ,Frequency	400V/230V,50/60Hz							
Off-grid Nominal Apparent Power	8000VA							
OTHERS								
Operating Ambient Temperature Range	-35...60°C							
Ingress Protection	IP65							
Protective Class	I							
Over Voltage Category	III (MAINS),II (DC)							
Safety	IEC62109-1/IEC62109-2							
VDE-AR-N 4105 / VDE 0126-1-1 A1:2012 / EN 50549 / AS4777 / G98 G99 / CEI 0-21								
DRM0	DRM1	DRM2	DRM3	DRM4	DRM5	DRM6	DRM7	DRM8
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


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Produktbeschreibung
Product description


GRID SUPPORT UTILITY-INTERACTIVE TRANSFORMERLESS INVERTER

Model: Inverter SN: 


Q.VOLT HYB-G3 10.0kW 3P

DC INPUT/OUTPUT	
Max. DC Voltage	1000V ----
MPP Voltage Range	180-950V ----
Max. DC Current (Input A/Input B)	26A/14A
Isc PV (Input A/Input B)	30A/16A
Battery Voltage Range	180-650V ----
Max. Charge and Discharge Current	30A/30A
AC INPUT/OUTPUT	
Nominal AC Voltage ,Frequency	380V400V/415V,50Hz/60Hz
Max. Apparent AC Output Power	11000VA
Nominal AC Output/Input Power (@cos Φ=1)	10000W/20000W
Max. AC Output/Input Current	16.1A/32.0A
Power Factor Range	0.8 Leading- 0.8 Lagging
Off-grid Nominal Voltage ,Frequency	400/230V,50/60Hz
Off-grid Nominal Apparent Power	10000VA
OTHERS	
Operating Ambient Temperature Range	-35...60°C
Ingress Protection	IP65
Protective Class	I
Over Voltage Category	III (MAINS),II (DC)
Safety	IEC62109-1/IEC62109-2
VDE-AR-N 4105 / VDE 0126-1-1 A1:2012 / EN 50549 / AS4777 / G98 G99 / CEI 0-21	
DRM0 <input checked="" type="checkbox"/> DRM1 <input checked="" type="checkbox"/> DRM2 <input type="checkbox"/> DRM3 <input type="checkbox"/> DRM4 <input type="checkbox"/> DRM5 <input checked="" type="checkbox"/> DRM6 <input type="checkbox"/> DRM7 <input type="checkbox"/> DRM8 <input type="checkbox"/>	
	

GRID SUPPORT UTILITY-INTERACTIVE TRANSFORMERLESS INVERTER

Model: Inverter SN: 


Q.VOLT HYB-G3 10.0kW 3P-D

DC INPUT/OUTPUT	
Max. DC Voltage	1000V ----
MPP Voltage Range	180-950V ----
Max. DC Current (Input A/Input B)	26A/14A
Isc PV (Input A/Input B)	30A/16A
Battery Voltage Range	180-650V ----
Max. Charge and Discharge Current	30A/30A
AC INPUT/OUTPUT	
Nominal AC Voltage ,Frequency	380V400V/415V,50Hz/60Hz
Max. Apparent AC Output Power	11000VA
Nominal AC Output/Input Power (@cos Φ=1)	10000W/20000W
Max. AC Output/Input Current	16.1A/32.0A
Power Factor Range	0.8 Leading- 0.8 Lagging
Off-grid Nominal Voltage ,Frequency	400/230V,50/60Hz
Off-grid Nominal Apparent Power	10000VA
OTHERS	
Operating Ambient Temperature Range	-35...60°C
Ingress Protection	IP65
Protective Class	I
Over Voltage Category	III (MAINS),II (DC)
Safety	IEC62109-1/IEC62109-2
VDE-AR-N 4105 / VDE 0126-1-1 A1:2012 / EN 50549 / AS4777 / G98 G99 / CEI 0-21	
DRM0 <input checked="" type="checkbox"/> DRM1 <input checked="" type="checkbox"/> DRM2 <input type="checkbox"/> DRM3 <input type="checkbox"/> DRM4 <input type="checkbox"/> DRM5 <input checked="" type="checkbox"/> DRM6 <input type="checkbox"/> DRM7 <input type="checkbox"/> DRM8 <input type="checkbox"/>	
	

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Produktbeschreibung
 Product description

GRID SUPPORT UTILITY-INTERACTIVE TRANSFORMERLESS INVERTER 


Model: Inverter SN:

Q.VOLT HYB-G3 12.0kW 3P

DC INPUT/OUTPUT								
Max. DC Voltage	1000V ----							
MPP Voltage Range	180-950V ----							
Max. DC Current (Input A/Input B)	26A/14A							
Isc PV (Input A/Input B)	30A/16A							
Battery Voltage Range	180-650V ----							
Max. Charge and Discharge Current	30A/30A							
AC INPUT/OUTPUT								
Nominal AC Voltage ,Frequency	380V/400V/415V,50Hz/60Hz							
Max. Apparent AC Output Power	13200VA							
Nominal AC Output/Input Power (@cos Φ =1)	12000W/20000W							
Max. AC Output/Input Current	19.3A/32.0A							
Power Factor Range	0.8 Leading- 0.8 Lagging							
Off-grid Nominal Voltage ,Frequency	400V/230V,50/60Hz							
Off-grid Nominal Apparent Power	12000VA							
OTHERS								
Operating Ambient Temperature Range	-35...60°C							
Ingress Protection	IP65							
Protective Class	I							
Over Voltage Category	III (MAINS),II (DC)							
Safety	IEC62109-1/IEC62109-2							
VDE-AR-N 4105 / VDE 0126-1-1 A1:2012 / EN 50549 / AS4777 / G98 G99 / CEI 0-21.								
DRM0	DRM1	DRM2	DRM3	DRM4	DRM5	DRM6	DRM7	DRM8
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>




SolaX Power Network Technology (Zhe jiang) CO.,LTD.
 ADD:No.288 Shizhu Road, Tonglu Economic Development Zone. Tonglu City, Zhejiang Province 310000P. R. CHINA
MADE IN CHINA
 612.01981.00

GRID SUPPORT UTILITY-INTERACTIVE TRANSFORMERLESS INVERTER 

Model: Inverter SN:

Q.VOLT HYB-G3 12.0kW 3P-D

DC INPUT/OUTPUT								
Max. DC Voltage	1000V ----							
MPP Voltage Range	180-950V ----							
Max. DC Current (Input A/Input B)	26A/14A							
Isc PV (Input A/Input B)	30A/16A							
Battery Voltage Range	180-650V ----							
Max. Charge and Discharge Current	30A/30A							
AC INPUT/OUTPUT								
Nominal AC Voltage ,Frequency	380V/400V/415V,50Hz/60Hz							
Max. Apparent AC Output Power	13200VA							
Nominal AC Output/Input Power (@cos Φ =1)	12000W/20000W							
Max. AC Output/Input Current	19.3A/32.0A							
Power Factor Range	0.8 Leading- 0.8 Lagging							
Off-grid Nominal Voltage ,Frequency	400V/230V,50/60Hz							
Off-grid Nominal Apparent Power	12000VA							
OTHERS								
Operating Ambient Temperature Range	-35...60°C							
Ingress Protection	IP65							
Protective Class	I							
Over Voltage Category	III (MAINS),II (DC)							
Safety	IEC62109-1/IEC62109-2							
VDE-AR-N 4105 / VDE 0126-1-1 A1:2012 / EN 50549 / AS4777 / G98 G99 / CEI 0-21.								
DRM0	DRM1	DRM2	DRM3	DRM4	DRM5	DRM6	DRM7	DRM8
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>




SolaX Power Network Technology (Zhe jiang) CO.,LTD.
 ADD:No.288 Shizhu Road, Tonglu Economic Development Zone. Tonglu City, Zhejiang Province 310000P. R. CHINA
MADE IN CHINA
 612.01981.00

Prüfbericht-Nr.: CN21W3HK 002
Test report no.:










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Produktbeschreibung
Product description

GRID SUPPORT UTILITY-INTERACTIVE TRANSFORMERLESS INVERTER 

Model: Inverter SN:










Q.VOLT HYB-G3 15.0kW 3P

DC INPUT/OUTPUT								
Max. DC Voltage	1000V							
MPP Voltage Range	180-950V							
Max. DC Current (Input A/Input B)	26A/14A							
Isc PV (Input A/Input B)	30A/16A							
Battery Voltage Range	180-650V							
Max. Charge and Discharge Current	30A/30A							
AC INPUT/OUTPUT								
Nominal AC Voltage ,Frequency	380V/400V/415V,50Hz/60Hz							
Max. Apparent AC Output Power	15000VA							
Nominal AC Output/Input Power (@cos Φ =1)	15000W/20000W							
Max. AC Output/Input Current	24.1A/32.0A							
Power Factor Range	0.8 Leading- 0.8 Lagging							
Off-grid Nominal Voltage ,Frequency	400/230V,50/60Hz							
Off-grid Nominal Apparent Power	15000VA							
OTHERS								
Operating Ambient Temperature Range	-35...60°C							
Ingress Protection	IP65							
Protective Class	I							
Over Voltage Category	III (MAINS),II (DC)							
Safety	IEC62109-1/IEC62109-2							
VDE-AR-N 4105 / VDE 0126-1-1 A1:2012 / EN 50549 / AS4777 / G98 G99 / CEI 0-21								
DRM0	DRM1	DRM2	DRM3	DRM4	DRM5	DRM6	DRM7	DRM8
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
								

GRID SUPPORT UTILITY-INTERACTIVE TRANSFORMERLESS INVERTER 

Model: Inverter SN:

Q.VOLT HYB-G3 15.0kW 3P-D

DC INPUT/OUTPUT								
Max. DC Voltage	1000V							
MPP Voltage Range	180-950V							
Max. DC Current (Input A/Input B)	26A/14A							
Isc PV (Input A/Input B)	30A/16A							
Battery Voltage Range	180-650V							
Max. Charge and Discharge Current	30A/30A							
AC INPUT/OUTPUT								
Nominal AC Voltage ,Frequency	380V/400V/415V,50Hz/60Hz							
Max. Apparent AC Output Power	15000VA							
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VDE-AR-N 4105 / VDE 0126-1-1 A1:2012 / EN 50549 / AS4777 / G98 G99 / CEI 0-21								
DRM0	DRM1	DRM2	DRM3	DRM4	DRM5	DRM6	DRM7	DRM8
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
								

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Absatz Clause	Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse – Bemerkungen / Measuring results - Remarks	Ergebnis Result
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1	Produkt Product		
	Äußere Erscheinung des Musters stimmt mit der Fotodokumentation überein. <i>Outer appearance of the drawn sample is same as in photo documentation of main test report.</i>	See evidence on page 4.	P
	Interner Aufbau stimmt mit der Fotodokumentation überein. <i>Internal construction of the drawn sample is same as in photo documentation of main test report.</i>	See evidence on page 4.	P
	Es wurden nur sicherheitsrelevanten Komponenten verbaut, die CDF oder Prüfbericht benannt sind. <i>Only safety relevant components as described in CDF or Test Report have been used in the drawn sample.</i>	Checked	P
2	Typenschild Label		
	Das Typenschild entspricht dem zertifizierten. <i>The label is same as the certified one.</i>	See evidence on page 5–10.	P
	Der Ausweisinhaber, Importeur oder Bevollmächtigte ist auf dem Typenschild benannt. <i>The license holder, importer or authorized representative is displayed in the label.</i>	See evidence on page 5–10.	P
	Die Adresse (bei GS zwingend eine aus dem EWR) ist auf dem Typenschild benannt. <i>Complete postal address (for GS it must be a European address) is mentioned in the label.</i>	See evidence on page 5–10.	P
	Wenn eine CE Markierung notwendig ist, wurde diese auf dem Typenschild in dem richtigen Layout abgebildet. <i>If CE marking is mandatory, it's on the product and apparently complies with the design restrictions.</i>	See evidence on page 5–10.	P
	Wenn ein TÜV Rheinland Zeichen abgebildet ist, entspricht dies den Vorgaben. <i>In event a TUV Mark is displayed it complies with the design restrictions.</i>	See evidence on page 5–10.	P
3	Bedienungs-, Installations-, Aufbauanleitung User Manual, Installation - / Assembly Manual		
	Liegt in der richtigen Sprache vor, bei GS zwingend in deutscher Sprache, und entspricht dem zertifizierten. <i>Is available in the correct language (German version a must for GS) and the same as certified one.</i>	Checked.	P
	Wenn ein TÜV Rheinland Zeichen abgebildet ist, entspricht dies den Vorgaben. <i>In event a TUV Mark is displayed it complies with the design restrictions.</i>	Checked.	P

Prüfbericht-Nr.: CN21W3HK 002
Test report no.:

Absatz Clause	Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse – Bemerkungen / Measuring results - Remarks	Ergebnis Result
	<p>Wenn eine Herstelleradresse angegeben ist, wurde diese komplett (bei GS zwingend eine Adresse im EWR) angegeben und stimmt mit der vom Typen-schild überein. <i>If the license holder and/or importer, authorized representative is displayed with address, it's complete (for GS it must be a European address) and correlates with the information on the rating label.</i></p>	Checked.	P
	<p>Wenn die Serviceadresse von der vom Hersteller, Importeur oder Bevollmächtigten abweicht, ist das akzeptabel. <i>If the address for service inquiries differs from manufacturer's, importer's or authorized representative's, it's acceptable.</i></p>	Checked.	P
4	Verpackung Packaging/Gift box		
	<p>Wenn ein TÜV Rheinland Zeichen abgebildet ist, entspricht dies den Vorgaben. <i>In event a TUV Mark is displayed it complies with the design restrictions.</i></p>	Not provided.	N/A
	<p>Der Ausweisinhaber, Importeur und/oder Bevollmächtigte ist mit auf der Verpackung benannt. <i>The license holder, importer and/or authorized representative are displayed with complete address on the packaging.</i></p>	Not provided.	N/A
	<p>Auf der Verpackung wird das Produkt nicht anders beworben als es die Zertifizierung beschreibt. Z.B. Kinder werden mit der Verpackung explizit angesprochen und aus dem Zertifikat geht hervor, dass es kein Spielzeug ist. <i>Packaging does not imply another use as certified. E.g. the package explicitly addresses but the certificate excludes use by children.</i></p>	Not provided.	N/A