



Product Service

Compliance Document

No. D 085769 0055 Rev. 00

Holder of Certificate: **SolaX Power Network Technology (Zhejiang) Co., Ltd.**

No. 288 Shizhu Road,
Tonglu Economic Development Zone
311500 Tonglu City, Zhejiang Province
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
Grid-Connected Photovoltaic Inverter**

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. See also notes overleaf.

Test report no.: 704091919101-00

Date, 2019-07-31


(Zhengdong Ma)

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Model(s):

X1-Hybrid-5.0-D-E, X1-Hybrid-5.0-N-E, X1-Hybrid-4.6-D-E, X1-Hybrid-4.6-N-E, X1-Hybrid-3.7-D-E, X1-Hybrid-3.7-N-E, X1-Hybrid-3.0-D-E, X1-Hybrid-3.0-N-E, X1-Hybrid-5.0-D-C, X1-Hybrid-5.0-N-C, X1-Hybrid-4.6-D-C, X1-Hybrid-4.6-N-C, X1-Hybrid-3.7-D-C, X1-Hybrid-3.7-N-C, X1-Hybrid-3.0-D-C, X1-Hybrid-5.0-D-I, X1-Hybrid-5.0-N-I, X1-Hybrid-4.6-D-I, X1-Hybrid-4.6-N-I, X1-Hybrid-3.7-D-I, X1-Hybrid-3.7-N-I, X1-Hybrid-3.0-D-I, X1-Hybrid-3.0-N-I, X1-Hybrid-3.0-N-C, X1-Fit-3.7C, X1-Fit-3.7E, X1-Fit-3.7I, X1-Fit-4.6C, X1-Fit-4.6E, X1-Fit-4.6I, X1-Fit-5.0C, X1-Fit-5.0E, X1-Fit-5.0I

Parameters:

Models	X1-Hybrid-5.0-D-E X1-Hybrid-5.0-N-E	X1-Hybrid-4.6-D-E X1-Hybrid-4.6-N-E	X1-Hybrid-3.7-D-E X1-Hybrid-3.7-N-E	X1-Hybrid-3.0-D-E X1-Hybrid-3.0-N-E
PV input ratings:				
Max. DC voltage:	600 V DC			
MPP voltage range:	125 – 550V DC			
Max. DC current (input A/input B):	10A/10A			
Isc PV (input A/input B):	14A/14A			
Max. DC power (@cos φ=1):	6000W	6000W	5000W	4000W
AC output				
Nominal AC voltage:	230V~			
Nominal AC frequency:	50/60Hz			
Max. Continuous AC current:	21.7A	21A	16A	14.4A
Nominal AC Apparent Power (@cos φ=1):	4999VA	4600VA	3680VA	3000VA
Power factor at rated power:	1			
Power factor range:	0.8 leading – 0.8 lagging			
AC input				
Nominal AC voltage:	230V~			
Nominal AC frequency:	50/60Hz			
Max. Continuous AC current:	21.7A	21A	16A	14.4A
Battery				
Battery type:	Lithium			
Battery Operation Voltage	85 – 400VDC			
Max. Charge and discharge current:	20A			
Max. Charge and discharge power:	6000W			
EPS output:				
Nominal voltage:	230V~			
Nominal frequency:	50/60Hz			
Nominal apparent power:	5000VA	5000VA	4000VA	4000VA
EPS Rated current:	21.7A	21.7A	17.4A	17.4A

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	X1-Hybrid-5.0-D-I, X1-Hybrid-5.0-N-I	X1-Hybrid-4.6-D-I, X1-Hybrid-4.6-N-I	X1-Hybrid-3.7-D-I, X1-Hybrid-3.7-N-I	X1-Hybrid-3.0-D-I, X1-Hybrid-3.0-N-I
PV input ratings:				
Max. DC voltage	600 V DC			
MPP voltage range:	125 – 550V DC			
Max. DC current (input A/input B):	10A/10A			
Isc PV (input A/input B):	14A/14A			
Max. DC power (@cos φ=1):	6000W	6000W	5000W	4000W
AC output				
Nominal AC voltage	230V~			
Nominal AC frequency:	50/60Hz			
Max. Continuous AC current:	21.7A	21A	16A	14.4A
Nominal AC Apparent Power (@cos φ=1):	4999VA	4600VA	3680VA	3000VA
Power factor at rated power:	1			
Power factor range:	0.8 leading – 0.8 lagging			
AC input				
Nominal AC voltage:	230V~			
Nominal AC frequency:	50/60Hz			
Max. Continuous AC current:	47.7A	47A	37.7A	36.1A
Battery				
Battery type:	Lithium			
Battery Operation Voltage	85 – 400VDC			
Max. Charge and discharge current:	20A			
Max. Charge and discharge power:	6000W			
EPS output:				
Nominal voltage:	230V~			
Nominal frequency:	50/60Hz			
Nominal apparent power:	5000VA	5000VA	4000VA	4000VA
EPS Rated current:	21.7A	21.7A	17.4A	17.4A

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General:

Operating ambient temperature range:	-20°C ... +60°C
Ingress protection:	IP 65
Overvoltage category	III (MAINS), II(DC)
Protection class	I

Tested according to:

NRS 097-2-1:2017

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