



Product Service

# Compliance Document

No. D 18 04 85769 045

**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 Inverter**

**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-3.0-N-C, X1-Fit-3.7C, X1-Fit-3.7E, X1-Fit-4.6C, X1-Fit-4.6E, X1-Fit-5.0C, X1-Fit-5.0E

**Parameters:**

AC output ratings	
Nominal AC Voltage, Frequency:	230V~, 50/60Hz
AC input ratings	
Nominal AC Voltage, Frequency:	230V~, 50/60Hz
Battery Type:	Lithium
Battery operation voltage:	85-400VDC
Max. charge and discharge current:	20A
Max. charge and discharge power:	6000W
Operating ambient temperature range:	-20°C ... + 60°C
Ingress protection:	IP 65
Overvoltage category:	III (MAINS), II(DC)
Protection class:	I

Other ratings refer to attachments

**Tested according to:** EN 50438:2013/IS1:2015  
(with national deviation setting of Annex A: NL - Netherlands)

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.:** 704091628010-00

**Date,** 2018-04-20

  
(Zhengdong Ma)

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Electrical ratings for various models:

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
<b>PV input</b>				
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:	6000W	6000W	5000W	4000W
<b>AC output</b>				
Nominal AC voltage:	230V~			
Nominal AC frequency:	50/60Hz			
Max. Continuous AC current:	21.7A	21A	16A	14.4A
Nominal AC Apparent Power:	4999VA	4600VA	3680VA	3000VA
Power factor at rated power:	1			
Power factor range:	0.8 leading – 0.8 lagging			
<b>AC input</b>				
Nominal AC voltage:	230V~			
Nominal AC frequency:	50/60Hz			
Max. Continuous AC current:	21.7A	21A	16A	14.4A
<b>Battery</b>				
Battery type:	Lithium			
Battery Operation Voltage	85 – 400VDC			
Max. Charge and discharge current:	20A			
Max. Charge and discharge power:	6000W			
<b>EPS output</b>				
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

	X1-Fit-3.7E	X1-Fit-4.6E	X1-Fit-5.0E
<b>AC output</b>			
Nominal AC voltage	230V~		
Nominal AC frequency:	50/60Hz		
Max. Continuous AC current:	16A	21A	21.7A
Nominal AC Apparent Power:	3680VA	4600VA	4999VA
Power factor at rated power:	1		
Power factor range:	0.8 Leading – 0.8 Lagging		
<b>AC input</b>			
Nominal AC voltage:	230V~		
Nominal AC frequency:	50/60Hz		
Max. Continuous AC current:	16A	21A	21.7A
<b>Battery</b>			
Battery type:	Lithium		
Battery Operation Voltage	85 – 400VDC		
Max. Charge and discharge current:	20A		
<b>EPS output</b>			
Nominal voltage:	230V~		
Nominal frequency:	50/60Hz		
Nominal apparent power:	4000VA	5000VA	5000VA
EPS Rated current:	17.4A	21.7A	21.7A





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Models	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-3.0-N-C
<b>PV input</b>				
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:	6000W	6000W	5000W	4000W
<b>AC output</b>				
Nominal AC voltage	230V~			
Nominal AC frequency:	50/60Hz			
Max. Continuous AC current:	21.7A	21A	16A	14.4A
Nominal AC Apparent Power:	4999VA	4600VA	3680VA	3000VA
Power factor at rated power:	1			
Power factor range:	0.8 leading – 0.8 lagging			
<b>AC input</b>				
Nominal AC voltage:	230V~			
Nominal AC frequency:	50/60Hz			
Max. Continuous AC current:	21.7A	21A	16A	14.4A
<b>Battery</b>				
Battery type:	Lithium			
Battery Operation Voltage	85 – 400VDC			
Max. Charge and discharge current:	20A			
Max. Charge and discharge power:	6000W			

	X1-Fit-3.7C	X1-Fit-4.6C	X1-Fit-5.0C
<b>AC output</b>			
Nominal AC voltage	230V~		
Nominal AC frequency:	50/60Hz		
Max. Continuous AC current:	16A	21A	21,7A
Nominal AC Apparent Power:	3680VA	4600VA	4999VA
Power factor at rated power:	1		
Power factor range:	0.8 Leading – 0.8 Lagging		
<b>AC input</b>			
Nominal AC voltage:	230V~		
Nominal AC frequency:	50/60Hz		
Max. Continuous AC current:	16A	21A	21,7A
<b>Battery</b>			
Battery type:	Lithium		
Battery Operation Voltage	85 – 400VDC		
Max. Charge and discharge current:	20A		

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