



Product Service

Attestation of Conformity

No. N8A 17 12 85769 033

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**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 704091712803-00



Date, 2018-01-08


(Zhengdong Ma)



After preparation of the necessary technical documentation as well as the EU conformity declaration the required CE marking can be affixed on the product. That declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

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Model(s): 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:

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

see page 3 and 4 for more parameters.

Tested according to: EN 62477-1:2012/A11:2014

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Electrical ratings for various models:

Models	X1-Fit-5.0E	X1-Fit-4.6E	X1-Fit-3.7E
AC output			
Nominal AC voltage:	230V~		
Nominal AC frequency:	50/60Hz		
Max. Continuous AC current:	21.7 Aa.c.	21.0 Aa.c.	16.0 Aa.c.
Nominal AC Apparent Power (@cos φ=1):	4999 VA	4600 VA	3680 VA
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:	21.7 Aa.c.	21.0 Aa.c.	16.0 Aa.c.
Nominal AC Apparent Power:	4999 VA	4600 VA	3680 VA
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:	5000 VA	5000 VA	4000 VA
EPS Rated current:	21.7 Aa.c.	21.7 Aa.c.	17.4 Aa.c.

Models	X1-Fit-5.0C	X1-Fit-4.6C	X1-Fit-3.7C
AC output			
Nominal AC voltage:	230V~		
Nominal AC frequency:	50/60Hz		
Max. Continuous AC current:	21.7 Aa.c.	21.0 Aa.c.	16.0 Aa.c.
Nominal AC Apparent Power:	4999 VA	4600 VA	3680 VA
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:	21.7 Aa.c.	21.0 Aa.c.	16.0 Aa.c.
Nominal AC Apparent Power:	4999 VA	4600 VA	3680 VA
Battery			
Battery type:	Lithium		
Battery Operation Voltage	85 – 400VDC		
Max. Charge and discharge current:	20A		
Max. Charge and discharge power:	6000W		

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Models	X1-Fit-5.0l	X1-Fit-4.6l	X1-Fit-3.7l
AC output			
Nominal AC voltage:	230V~		
Nominal AC frequency:	50/60Hz		
Max. Continuous AC current:	21.7 Aa.c.	21.0 Aa.c.	16.0 Aa.c.
Nominal AC Apparent Power:	4999 VA	4600 VA	3680 VA
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	47.7 Aa.c.	47.0 Aa.c.	37.7 Aa.c.
Nominal AC input apparent Power	9999 VA	9600 VA	7680 VA
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:	5000 VA	5000 VA	4000 VA
EPS Rated current:	21.7 Aa.c.	21.7 Aa.c.	17.4 Aa.c.