

# Certificate of Conformity



Access to the World

NO.: ENS2210210140W00201C

The following products have been tested by us with the listed standards and found in conformity with the council Radio Equipment Directive 2014/53/EU. This is to certify that the specimen is in conformity with the assessment requirement mentioned follow. This certificate does not imply assessment to the production of the product.

Applicant : Shenzhen Growatt New Energy Co., Ltd.  
Address : 4-13/F,Building A,Sino-German(Europe) Industrial Park,Hangcheng Ave,Bao'an District,Shenzhen,China

Manufacturer : Shenzhen Growatt New Energy Co., Ltd.  
Address : 4-13/F,Building A,Sino-German(Europe) Industrial Park,Hangcheng Ave,Bao'an District,Shenzhen,China

Trade Mark : GROWATT  
EUT : ShineMaster-X, ShineMaster4G-X  
M/N : ShineMaster-X, ShineMaster4G-X

Essential Requirements	Standard	Report No.
Health(article 3.1.a)	EN IEC 62311: 2020	ENS2210210140W00208R
Safety (article 3.1.a)	EN 62368-1:2014+A11:2017	ENS2210210140S00301R
EMC(article 3.1.b)	EN 55032: 2015+A11: 2020	ENS2210210140W00101R
	EN IEC 61000-3-2: 2019+A1: 2021	
	EN 61000-3-3: 2013+A2: 2021	
	EN 55035: 2017+A11: 2020	
	ETSI EN 301 489-1 V2.2.3: 2019	ENS2210210140W00201R
	ETSI EN 301 489-17 V3.2.4: 2020	
	ETSI EN 301 489-19 V2.2.0: 2020	
	ETSI EN 301 489-52 V1.2.1:2021	
Radio (article 3.2)	ETSI EN 300 328 V2.2.2: 2019	ENS2210210140W00202R
	ETSI EN 303 413 V1.1.1: 2017	ENS2210210140W00203R
	ETSI EN 301 511 V12.5.1: 2017	ENS2210210140W00204R
	ETSI EN 301 908-1 V13.1.1: 2019	ENS2210210140W00205R
	ETSI EN 301 908-2 V13.1.1: 2020	ENS2210210140W00206R
	ETSI EN 301 908-13 V13.1.1: 2019	ENS2210210140W00207R

Version : Ver.1.0



(Manager)

June 20, 2023



The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

EMTEK (Shenzhen) Co., Ltd.

Add: Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China [Http://www.emtek.com.cn](http://www.emtek.com.cn) E-mail: [cs.rep@emtek.com.cn](mailto:cs.rep@emtek.com.cn)






# Certificate of Conformity

NO.: ENS2210210140S00301C

The following product has been tested by us with the listed standards and found in conformity with the council LVD directive 2014/35/EU. This is to certify that the specimen is in conformity with the assessment requirement mentioned follow. This certificate does not imply assessment to the production of the product.

Applicant : Shenzhen Growatt New Energy Co., Ltd.  
Address : 4-13/F, Building A, Sino-German (Europe) Industrial Park,  
Hangcheng Ave, Bao'an District, Shenzhen, China  
Manufacturer : Shenzhen Growatt New Energy Co., Ltd.  
Address : 4-13/F, Building A, Sino-German (Europe) Industrial Park,  
Hangcheng Ave, Bao'an District, Shenzhen, China  
Trade Mark :   
EUT : ShineMaster-X, ShineMaster4G-X  
M/N : ShineMaster-X, ShineMaster4G-X  
Technical Data : Input: 24V  $\overline{\text{---}}$  0.5A (supply by external AC/DC adapter)  
Test Standards : EN 62368-1:2014+A11:2017  
Version : Ver.1.0



(Manager)  
June 13, 2023

The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

EMTEK (Shenzhen) Co., Ltd.

Add: Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China [Http://www.emtek.com.cn](http://www.emtek.com.cn) E-mail: [cs.rep@emtek.com.cn](mailto:cs.rep@emtek.com.cn)



# Certificate of Conformity



Access to the World

NO.: ENS2210210140W00201C

The following products have been tested by us with the listed standards and found in conformity with the council Radio Equipment Directive 2014/53/EU. This is to certify that the specimen is in conformity with the assessment requirement mentioned follow. This certificate does not imply assessment to the production of the product.

Applicant : Shenzhen Growatt New Energy Co., Ltd.  
Address : 4-13/F,Building A,Sino-German(Europe) Industrial Park,Hangcheng Ave,Bao'an District,Shenzhen,China

Manufacturer : Shenzhen Growatt New Energy Co., Ltd.  
Address : 4-13/F,Building A,Sino-German(Europe) Industrial Park,Hangcheng Ave,Bao'an District,Shenzhen,China

Trade Mark : GROWATT  
EUT : ShineMaster-X, ShineMaster4G-X  
M/N : ShineMaster-X, ShineMaster4G-X

Essential Requirements	Standard	Report No.
Health(article 3.1.a)	EN IEC 62311: 2020	ENS2210210140W00208R
Safety (article 3.1.a)	EN 62368-1:2014+A11:2017	ENS2210210140S00301R
EMC(article 3.1.b)	EN 55032: 2015+A11: 2020	ENS2210210140W00101R
	EN IEC 61000-3-2: 2019+A1: 2021	
	EN 61000-3-3: 2013+A2: 2021	
	EN 55035: 2017+A11: 2020	
	ETSI EN 301 489-1 V2.2.3: 2019	ENS2210210140W00201R
	ETSI EN 301 489-17 V3.2.4: 2020	
	ETSI EN 301 489-19 V2.2.0: 2020	
	ETSI EN 301 489-52 V1.2.1:2021	
Radio (article 3.2)	ETSI EN 300 328 V2.2.2: 2019	ENS2210210140W00202R
	ETSI EN 303 413 V1.1.1: 2017	ENS2210210140W00203R
	ETSI EN 301 511 V12.5.1: 2017	ENS2210210140W00204R
	ETSI EN 301 908-1 V13.1.1: 2019	ENS2210210140W00205R
	ETSI EN 301 908-2 V13.1.1: 2020	ENS2210210140W00206R
	ETSI EN 301 908-13 V13.1.1: 2019	ENS2210210140W00207R

Version : Ver.1.0



(Manager)

June 20, 2023



The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

EMTEK (Shenzhen) Co., Ltd.

Add: Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China [Http://www.emtek.com.cn](http://www.emtek.com.cn) E-mail: [cs.rep@emtek.com.cn](mailto:cs.rep@emtek.com.cn)



# Certificate of Conformity

NO.: EDG2210210127C00101C

The following products have been tested by us with the listed standards and found in conformity with the Directive 2011/65/EU and its amendment directive (EU) 2015/863 of the European Parliament and of the Council with regard to the restriction of the use of certain hazardous substances in electrical and electronic equipment. It is possible to use CE marking to demonstrate the conformity with this Directive.

Applicant : Shenzhen Growatt New Energy Co., Ltd.

Address : 4-13/F,Building A,Sino-German(Europe) Industrial Park,Hangcheng Ave,Bao'an District,Shenzhen,China

Manufacturer : Shenzhen Growatt New Energy Co., Ltd.

Address : 4-13/F,Building A,Sino-German(Europe) Industrial Park,Hangcheng Ave,Bao'an District,Shenzhen,China

Sample Name : ShineMaster-X

Style/Item No. : ShineMaster-X, ShineMaster4G-X

Test Standards : IEC 62321-3-1:2013  
IEC 62321-4:2013+A1:2017  
IEC 62321-5: 2013  
IEC 62321-7-1:2015  
IEC 62321-7-2:2017  
IEC 62321-6:2015  
IEC 62321-8:2017



Authorized signatory  
Nov. 21, 2022

This certification is part of the full test report(s) and should be read in conjunction with it.

The certificate is based on a single evaluation of one sample of above-mentioned products, It does not imply an assessment of the whole production and does not permit the use of the test lab. logo .

EMTEK (Dongguan) Co., Ltd.

Add: -1&2/F ,Building 2,Zone A,Zhongda Marine Biotechnology Research and Development Base ,No.9, Xincheng Avenue,Songshanhu High-technology Industrial Development Zone,Dongguan, Guangdong,China [Http://www.emtek.com.cn](http://www.emtek.com.cn) E-mail: [project@emtek.com.cn](mailto:project@emtek.com.cn)





## EU Declaration of Conformity

We, the manufacture:

**Shenzhen Growatt New Energy Co., Ltd**  
4-13/F, Building A, Sino-German(Europe) Industrial Park,  
Hangcheng, Ave, Bao'an District, Shenzhen, China

Hereby to declare under our sole responsibility that the products list below comply with the following EU directives and regulations:

- **2014/30/EU Electromagnetic Compatibility (EMC) Directive**
- **2014/53/EU Radio Equipment Directive (RED)**
- **2014/35/EU Low Voltage Directive (LVD)**
- **RoHS Directive 2011/65/EU Annex II and its amendment (EU) 2015/863**

The following standards were applied for the products in accordance with the mentioned directives.

Product	Monitor of Solar Inverter
<b>Model</b>	ShineMaster-X, ShineMaster4G-X
<b>LVD</b>	EN EC 62311: 2020 EN 62368-1:2014+A11:2017
<b>EMC</b>	EN 55032: 2015+A11: 2020 EN EC 61000-3-2: 2019+A1: 2021 EN 61000-3-3: 2013+A2: 2021 EN 55035: 2017+A11: 2020 ETSI EN 301 489-1 V2.2.3: 2019 ETSI EN 301 489-17 V3.2.4: 2020 ETSI EN 301 489-19 V2.2.0: 2020 ETSI EN 301 489-52 V 1.2.1:2021
<b>Radio</b>	ETSI EN 300 328 V2.2.2: 2019, ETSI EN 303 413 V1.1.1: 2017 ETSI EN 301 511 V12.5.1: 2017, ETSI EN 301 908-1 V 13.1.1: 2019 ETSI EN 301 908 2 V13.1.1: 2020, ETSI EN 301 908-13 V13.1.1: 2019

Documentation evidencing conformity with the above the directives and standards is available for inspection.  
This declaration becomes invalid if any change is made to the unit or the unit is improperly installed.



CE Marking Date: 2022-11-30

Shenzhen Growatt New Energy Co., Ltd

*Zhu peng*

Zhu Peng (Signature)

Regulation Compliance Manager