


VERIFICATION OF EMC COMPLIANCE

Verification No.: CE GZEM2211006556COV
Applicant: Shenzhen Growatt New Energy Co., Ltd.
Address of Applicant: 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 of Manufacturer: 4-13/F, Building A, Sino-German (Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China
Factory: Shenzhen Ates Power Technology Co., Ltd
Address of Factory: 1st Floor of Building 3 at Sector B and 3rd Floor of Building 9, Henglong Industrial Park, Shuitian, Baoan District, Shenzhen
Product Description: AC EV CHARGING STATION
Model No.: THOR-07AS-S-V1, THOR-07AS-P-V1, THOR-11AS-S-V1, THOR-11AS-P-V1, THOR-22AS-S-V1, THOR-22AS-P-V1
Trade Mark: 
Sufficient samples of the product have been tested and found to be in conformity with
Test Standards: EN IEC 61851-21-2:2021
As shown in the
Test Report Number(s): GZEM220500283001C01

This verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on the sample of the above-mentioned product in accordance with the provisions of the relevant specific standards under Directive 2014/30/EU.

The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EU Declaration of Conformity and compliance with all relevant EU Directives.



Jerry Chan
Manager



Date: 2023-02-10

VERIFICATION OF COMPLIANCE

No.: LVD GZES2211022392CO
Applicant: Shenzhen Growatt New Energy Co., Ltd.
4-13/F, Building A, Sino-German(Europe) Industrial Park,
Hangcheng Ave, Bao'an District, Shenzhen, China
Manufacturer: Shenzhen Growatt New Energy Co., Ltd.
4-13/F, Building A, Sino-German(Europe) Industrial Park,
Hangcheng Ave, Bao'an District, Shenzhen, China
Product Name: AC electric vehicle charging station
Product Description: EV supply equipment
Model No.: See Page 2
Trade Mark:

Rating: See Page 2
Protection against Electric Shock: Class I
Degree of Protection: IP 65
Additional Information: -

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: EN IEC 61851-1:2019
as shown in the
Test Report Number(s): GZES221102239201

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.

David Guo
Senior Technical Manager
SGS-CSTC

2022-12-09

This verification is issued by the company under its General Conditions of Services accessible at <https://www.sgs.com/en/terms-and-conditions>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this verification. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Member of SGS Group (Société Générale de Surveillance)

No.:

LVD GZES2211022392CO

Other information added:

Operating temperature: - 25 ~ 50 °C

Model/Type reference: See table as below

Model	Input	Rating	Connection of EV
THOR 07AS-S-V1	L+N+PE	230 Vac, 50 Hz, 32 A Max.	case A or case B
THOR 11AS-S-V1	3P+N+PE	400 Vac, 50 Hz, 16 A Max.	case A or case B
THOR 22AS-S-V1	3P+N+PE	400 Vac, 50 Hz, 32 A Max.	case A or case B
THOR 07AS-P-V1	L+N+PE	230 Vac, 50 Hz, 32 A Max.	case C
THOR 11AS-P-V1	3P+N+PE	400 Vac, 50 Hz, 16 A Max.	case C
THOR 22AS-P-V1	3P+N+PE	400 Vac, 50 Hz, 32 A Max.	case C



David Guo
Senior Technical Manager
SGS-CSTC



2022-12-09

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Member of SGS Group (Société Générale de Surveillance)



Global Access Certification Australia Pty. Ltd.

960 Waverley Road, Wheelers Hill, Victoria 3150, Australia

Proof of RCM Compliance

Certificate No.: RCMP23109 001

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

Product Description: AC electric vehicle charging station

Brand Name: **GROWATT**

Model Number: 1) THOR 07AS-S-V1, THOR 07AS-P-V1;
2) THOR 11AS-S-V1, THOR 11AS-P-V1;
3) THOR 22AS-S-V1, THOR 22AS-P-V1

Electrical Ratings: 1) 230V~, 50Hz, 32A Max., IP65; 2) 400V~, 50Hz, 16A Max., IP65;
3) 400V~, 50Hz, 32A Max., IP65

GACA approves that this Electrical Article as described above meets the requirements of the standard/regulation(s) listed below:

Complies with	Standard/regulation(s)
ACMA mandated	EN IEC 61851-21-2: 2021 (Test Report No.: GZEM220500283001)
Electrical Safety	IEC 61851-1: 2017 (Test Report No.: GZES230200198801)
EESS-National Equipment Database Registration	Above models is registered as level 1 product on https://equipment.erac.gov.au/Registration/EquipmentSearch.aspx?atn=public
Date of Registered:	20 February 2023
Date of Expiry:	19 February 2028

On behalf of GACA

