


VERIFICATION OF EMC COMPLIANCE

Certificate No.: CQASZ20180600068E

Applicant : RNG International Inc.
Address of Applicant: : 17534 Von Karman Avenue, Irvine, CA 92614 -6208, USA
Manufacturer : Renogy Suzhou Co., Ltd
Address of Manufacturer : No.1 Peiyuan Rd., BLDG 5, 4th floor, New District, Suzhou, Jiangsu Province, 215000
Factory : Renogy Suzhou Co., Ltd
Address of Factory : No.1 Peiyuan Rd., BLDG 5, 4th floor, New District, Suzhou, Jiangsu Province, 215000
Trade Mark : 
Product : Solar Panel
Model No. : RNG-10D,RNG-20D,RNG-30D,RNG-50D,RNG-100D,RNG-100MB,RNG-100DB-H,RNG-170D,RNG-280D,RNG-320D,RNG-50DB-H,RNG-50MB-ME,RNG-50P,RNG-100P,RNG-160P,RNG-270P,RNG-280P,RNG-300P,RNG-310P,RNG-KIT-STCS100MB,RNG-KIT-STCS100MB-NC,RNG-KIT-STCS200MB-NC,RNG-KIT-STCS200MB,RNG-KIT-STCS100MB-10CC,RNG-130DB-P, RNG-140DB-P, RNG-100DB-P, RNG-135DB-P, RNG-200DB-P,RNG-185DB-P, RNG-10D-SS, RNG-30D-SS, RNG-50D-SS, RNG-80D-SS, RNG-100D-SS, RNG-100D-R-BK, RNG-160D-SS, RNG-300D, RNG-315D, RNG-20DB-H, RNG-175DB-H, RNG-KIT-STCS100D-NC, R-STCS-100D-VOYPG10, RNG-KIT-STCS100D-VOY20, RNG-KIT-STCS200D-VOY20, NRG-35M
Test Report No. : CQASZ20180600068E
Test Standard(s) : EN 61000-6-3:2007+A1:2011+AC:2012 EN 61000-6-1:2007

This verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of Shenzhen Huaxia Testing Technology 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.


Jack Ai

For General Manager

Date of Issue: July 20, 2018



The CE Marking may only be used if all relevant and effective EU Directives are complied with


Shenzhen Huaxia Testing Technology Co., Ltd

1F., Block A of Tongsheng Technology Building, Huahui Road, Dalang Street, Longhua District, Shenzhen, China
Tel: (86)755-26648640 Fax: (86)755-26648637 Http://www.cqa-cert.com



VERIFICATION OF EMC COMPLIANCE

Certificate No.: CQASZ20200300183E

Applicant : RNG International Inc.
Address of Applicant: : 17534 Von Karman Avenue, Irvine, CA 92614 -6208, USA
Manufacturer : Renogy Suzhou Co., Ltd
Address of Manufacturer : No.1 Peiyuan Rd., BLDG 5, 4th floor, New District, Suzhou, Jiangsu Province, China
Factory : Renogy Suzhou Co., Ltd
Address of Factory : No.1 Peiyuan Rd., BLDG 5, 4th floor, New District, Suzhou, Jiangsu Province, China
Trade Mark : 
Product : PWM Solar Controller
Model No. : RNG-CTRL-WND30-LI, RNG-CTRL-WND10, RNG-CTRL-WNDPG10
Test Report No. : CQASZ20200300183E
Test Standard(s) : EN 55032: 2015
EN 55035: 2017

This verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of Shenzhen Huaxia Testing Technology 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.

Jack Ai

For General Manager

Date of Issue: April 13, 2020




The CE Marking may only be used if all relevant and effective EU Directives are complied with

Shenzhen Huaxia Testing Technology Co., Ltd

1F., Block A of Tongsheng Technology Building, Huahui Road, Dalang Street, Longhua District, Shenzhen, China
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VERIFICATION OF EMC COMPLIANCE

Certificate No.: CQASZ171101523EW

Applicant : RNG International Inc.
Address of Applicant : 17534 Von Karman Avenue, Irvine, CA 92614 -6208, USA
Manufacturer : Renogy Suzhou Co., Ltd.
Address of Manufacturer : No.1 Peiyuan Rd., BLDG 5, 4th floor, New District, Suzhou, Jiangsu Province, 215000
Factory : Renogy Suzhou Co., Ltd.
Address of Factory : No.1 Peiyuan Rd., BLDG 5, 4th floor, New District, Suzhou, Jiangsu Province, 215000
Trade Mark :  **RENOGY**
Product : MPPT solar controller
Model No. : RNG-CTRL-RVR20, RNG-CTRL-RVR20E
Test Report No. : CQASZ171101523EW
Test Standard(s) : EN 55032: 2015
EN 55024: 2010
EN 61000-3-2: 2014
EN 61000-3-3: 2013

This verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of Shenzhen Huaxia Testing Technology 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.



Jack Ai

For General Manager

Date of Issue: November. 21, 2017




The CE Marking may only be used if all relevant and effective EU Directives are complied with

Shenzhen Huaxia Testing Technology Co., Ltd

1F., Block A of Tongsheng Technology Building, Huahui Road, Dalang Street, Longhua District, Shenzhen, China
Tel: (86)755-26648640 Fax: (86)755-26648637 Http://www.cqa-cert.com

VERIFICATION OF EMC COMPLIANCE

Certificate No.: CQASZ20181100067E

Applicant : RNG International Inc.
Address of Applicant: : 17534 Von Karman Avenue, Irvine, CA 92614 -6208, USA
Manufacturer : Renogy Suzhou Co., Ltd.
Address of Manufacturer : No.1 Peiyuan Rd., BLDG 5, 4th floor, New District, Suzhou, Jiangsu Province, 215000
Factory : Renogy Suzhou Co., Ltd.
Address of Factory : No.1 Peiyuan Rd., BLDG 5, 4th floor, New District, Suzhou, Jiangsu Province, 215000
Trade Mark : 
Product : MPPT solar controller
Model No. : RNG-CTRL-RVR30, RNG-CTRL-RVRPG30
Test Report No. : CQASZ20181100067E
Test Standard(s) : EN 55032: 2015
EN 55035: 2017
EN 61000-3-2: 2014
EN 61000-3-3: 2013

This verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of Shenzhen Huaxia Testing Technology 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.



Jack Ai
For General Manager
Date of Issue: Dec. 28, 2018



The CE Marking may only be used if all relevant and effective EU Directives are complied with

Shenzhen Huaxia Testing Technology Co., Ltd

1F., Block A of Tongsheng Technology Building, Huahui Road, Dalang Street, Longhua District, Shenzhen, China
Tel: (86)755-26648640 Fax: (86)755-26648637 Http://www.cqa-cert.com

DECLARATION OF CONFORMITY



COMPANY : Victron Energy B.V.
ADDRESS : De Paal 35
1351 JG Almere
The Netherlands

Declares that the following products:

PRODUCT TYPE : BlueSolar Charge Controllers
BRAND : Victron Energy
MODELS :

| |
|--------------------------------------|
| BlueSolar PWM -LCD&USB 12/24V-5A |
| BlueSolar PWM -LCD&USB 12/24V-10A |
| BlueSolar PWM -LCD&USB 12/24V-20A |
| BlueSolar PWM -LCD&USB 12/24V-30A |
| BlueSolar PWM-LCD&USB 48V-10A |
| BlueSolar PWM-LCD&USB 48V-20A |
| BlueSolar PWM-LCD&USB 48V-30A |
| BlueSolar PWM DUO-LCD&USB 12/24V-20A |

Are in conformity with the requirements of the following Directives of the European Union:

EMC Directive 2014/30/EU with the following harmonized standards:

EN-IEC 61000-6-3:2007/A1:2011/AC:2012
EN-IEC 61000-6-2:2005/AC:2005
EN-IEC 61000-6-1:2007
EN 55014-1:2017/A11:2020
EN 55014-2:1997/A1:2001/A2:2008

Low Voltage Directive 2014/35/EU with the following harmonized standards:

EN-IEC 62109-1:2010

Restriction of the use of certain hazardous substances RoHS (2011/65/EU and 2015/863/EU) with the following harmonized standards:

EN-IEC 63000:2018

CE MARK DATE: October, 2017

Signed: Reinout Vader

Authority: Managing Director
Date: 29 December 2021

DECLARATION OF CONFORMITY



COMPANY : Victron Energy B.V.
ADDRESS : De Paal 35
1351 JG Almere
The Netherlands

Declares that the following products:

PRODUCT TYPE : SmartSolar Charge Controllers
BRAND : Victron Energy
MODELS :

| | |
|--|--|
| SmartSolar MPPT 75/10, 75/15 and 100/15 | SmartSolar MPPT 150/70-Tr and 150/70-MC4 |
| SmartSolar MPPT 100/20 | SmartSolar MPPT 150/85-Tr and 150/85-MC4 |
| SmartSolar MPPT 100/30 | SmartSolar MPPT 150/100-Tr and 150/100-MC4 |
| SmartSolar MPPT 100/50 | SmartSolar MPPT 250/60-Tr and 250/60-MC4 |
| SmartSolar MPPT 150/35 | SmartSolar MPPT 250/70-Tr and 250/70-MC4 |
| SmartSolar MPPT 150/70 | SmartSolar MPPT 250/85-Tr and 250/85-MC4 |
| SmartSolar MPPT 150/85 | SmartSolar MPPT 250/100-Tr and 250/100-MC4 |
| SmartSolar MPPT 150/45-Tr and 150/45-MC4 | SmartSolar Pluggable Display |
| SmartSolar MPPT 150/60-Tr and 150/60-MC4 | |

Are in conformity with the requirements of the following Directives of the European Union:

EMC Directive 2014/30/EU with the following harmonized standards:

EN-IEC 61000-6-1:2007
EN-IEC 61000-6-2:2005/AC:2005
EN-IEC 61000-6-3:2007/A1:2011/AC:2012
EN 55014-1:2017/A11:2020
EN 55014-2:1997/A1:2001/A2:2008

RED Directive 2014/53/EU with the following standards:

CISPR 16-2-3: 2010 (EN 55016-2-3: 2010 and Amd. A1: 2010)
ETSI EN 301 489-1 V2.2.3 and ETSI EN 301 489-17 V3.2.4
ETSI EN 300 328 v2.2.2, Clause 4.3.1.10 and Clause 4.3.1.11

Low Voltage Directive 2014/35/EU with the following harmonized standards:

EN-IEC 62368-1:2014/AC:2015
EN-IEC 62109-1:2010

Vehicle Radiated Emissions & Immunity

ECE R10-5

Restriction of the use of certain hazardous substances RoHS (2011/65/EU and 2015/863/EU) with the following harmonized standards:

EN-IEC 63000:2018

CE MARK DATE: September 1st, 2017

Signed: Reinout Vader

Authority: Managing Director
Date: 29 December 2021