CERTIFICATE

CERTIFICATE

of Conformity
Directive 2014/53/EU
On The Radio Equipment Directive

Certificate No.	:	AT18220WC400711
Applicant	:	SRNE Solar Co., Ltd.
Address	:	4-5F,Building13A,Taihua Wutong Industrial Park ,Gushu Development Zone ,Hangcheng Street,Baoan, Shenzhen, China PR
Manufacturer	:	SRNE Solar Co., Ltd.
Address	:	4-5F,Building13A,Taihua Wutong Industrial Park ,Gushu Development Zone ,Hangcheng Street,Baoan, Shenzhen, China PR
Product Name	:	Solar Charge Controller
Test Model No.	:	SR-MF48100N50
Reference Model No.	:	MF48100N50
Trade Mark	:	SRNE
Rating(s)	:	Please see page 2.

The radio equipment meets the following essential requirements		**Complied**
Article 3(1)(a) ■ Safety	EN 62109-1:2010	Yes
Article 3(1)(a) ■ Health	EN 50663: 2017; EN 62479: 2010	Yes
Article 3(1)(b) ■ EMC	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.2.4 (2020-09) EN IEC 61000-6-3:2021 EN IEC 61000-6-1:2019	Yes
Article 3(2) ■ Radio	ETSI EN 300 328 V2.2.2 (2019-07)	Yes

Note: The attached Annex forms part of this certificate which consists of 3 pages.

Shenzhen Anbotek Compliance Laboratory Limited * Approved *

Certified by

Edward Pan

May 07, 2024
Date

Edward Pan

CE

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

CE

Shenzhen Anbotek Compliance Laboratory Limited
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CERTIFICATE

Anbotek
Product Safety

Annex
of RED Certificate
Certificate Number: AT18220WC400711

Product Specifications	
Frequency Range:	2402MHz to 2480MHz
Maximum Output Power:	-3.81 dBm Max.
Modulation:	GFSK
Max. Antenna Gain:	1.5 dBi
Type of Antenna:	PCB Antenna

Rating(s):

MPPT Solar Charge Controller

Model	SR-MF48100N50
PV input	
Max. input power	6000W
Rated input voltage	360Vdc
Max. input voltage	500Vdc
MPPT voltage range	80Vdc~450Vdc
Rated input current	2X18A
PV short circuit current	2X20A
Battery	
Rated voltage	57.6Vdc
Max. charge current	100A
General data	
Operating temperature	-20℃ ~ +65℃
IP Grade	IP21
Protection class	II

SN:

5min RoHS

WARNING FIRE HAZARD:
SUITABLE FOR MOUNTING ON CONCRETE
OR OTHER NON-COMBUSTIBLE SURFACE ONLY
CAUTION:THE DC AND AC BREAKER MUST
HAVE BEEN TURNED OFF BEFORE SERVICING

SRNE MADE IN CHINA

CERTIFICATE

Anbotek
Product Safety

Technical Documentation Identification

Test Report	
Article 3(1)(a) ■ Safety	18220WC40071102S
Article 3(1)(a) ■ Health	18220WC40071103H
Article 3(1)(b) ■ EMC	18220WC40071101E 18220WC40071105E
Article 3(2) ■ Radio	18220WC40071104W

Notes:

1. The certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in compliance with the requirements of article 3 of the Radio Equipment Directive 2014/53/EU. The certificate does not imply assessment of the production and does not permit the use of Lab's logo. The applicant of the certificate is authorized to use this certificate in connection with EU declaration of conformity to article 18 of the Directive.

2. The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the certificate and satisfies the applicable requirement of the Directive.

3. The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been places on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

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