


Test Verification of Conformity

Verification Number: 201216059GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

Applicant Name & Address:	SRNE Solar Co., Ltd 4-5F, 13A Wutong Island, Neihuan Rd, Xixiang, Bao`an, SHENZHEN Guangdong 518100, China
Product Description:	MPPT Solar Charge Controller
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	MC4860N15, MC4860N25, MC4870N15, MC4870N25, MC4885N15, MC4885N25, MC48100N15, MC48100N25
Brand Names:	
Specification<s>/Standards:	Battery charge controllers for photovoltaic systems - Performance and functioning/ IEC 62509: 2010, EN 62509: 2011
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Date of Tests:	16 Dec., 2020 – 09 Jun., 2021
Test Report Number(s):	201216059GZU-001

Additional information in Appendix.



Signature

Name: Tommy Zhong

Position: Technical Manager

Date: 15 Jun., 2021

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 201216059GZU-VOC001

Ratings & Principle Characteristics:

Model	MC4860N15	MC4860N25	MC4870N15	MC4870N25
Battery Voltage (DC)	12V / 24V / 36V / 48V			
Charging Current	60A		70A	
Max. Voltage of PV (DC)	150V	250V	150V	250V
Max. PV Input Current	50A	40A	50A	40A
Max. Power of PV	800W/12V, 1600W/24V, 2400W/36V, 3200W/48V		920W/12V, 1840W/24V, 2760W/36V, 3680W/48V	
MPPT Operating Voltage Range	Battery Voltage+2 ~ 120Vdc	Battery Voltage+2 ~ 180Vdc	Battery Voltage+2 ~ 120Vdc	Battery Voltage+2 ~ 180Vdc
Model	MC4885N15	MC4885N25	MC48100N15	MC48100N25
Battery Voltage (DC)	12V / 24V / 36V / 48V			
Charging Current	85A		100A	
Max. Voltage of PV (DC)	150V	250V	150V	250V
Max. PV Input Current	70A			
Max. Power of PV	1100W/12V, 2200W/24V, 3300W/36V, 4400W/48V		1320W/12V, 2640W/24V, 3960W/36V, 5280W/48V	
MPPT Operating Voltage Range	Battery Voltage+2 ~ 120Vdc	Battery Voltage+2 ~ 180Vdc	Battery Voltage+2 ~ 120Vdc	Battery Voltage+2 ~ 180Vdc
Protection Degree	IP3X			



Signature

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Position: Technical Manager

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