

## VERIFICATION OF COMPLIANCE

No.: GZES2111031606PV


Applicant: Beijing Epsolar Technology Co., Ltd.  
No.228, Block A, 2nd Floor, Bldg 1, No. 3 Street, Shangdi Xinx  
Chanye Jidi, Haidian District, Beijing, China

Manufacturer: Huizhou Epever Technology Co., Ltd.  
No.103, Dongxing Rd, Chenjiang Street, Zhongkai High-Tech  
Zone, Huizhou, China

Product Name: Solar Charge Controller

Product Description: MPPT Solar Charge Controller

Model No.: Refer to page 2 to 3

Trade Mark: 

Rating: Refer to page 2 to 3

Protection against Electric Shock: Class I

Degree of Protection: IP20

Additional Information: None

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

Test Standard: IEC 62109-1:2010

as shown in the

Test Report Number(s): GZES211103160601

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 specific standards.



David Guo  
Senior Technical Manager  
SGS-CSTC

2021-12-14

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Other information added:

Rating :

Item/ Model number	Tracer 6210AN	Tracer 5415AN	Tracer 6415AN	Tracer 8415AN
Nominal System Voltage	12/24VDC or Auto	12/24/36/48VDC or Auto		
Battery Input Voltage Range	8V-32V	8V-68V		
Rated charge current	60A	50A	60A	50A
Rated charge Power	750W/12V 1500W/24V	625W/12V 1250W/24V 1875W/36V 2500W/48V	750W/12V 1500W/24V	625W/12V 1250W/24V 1875W/36V 2500W/48V
Max. PV open circuit voltage	100V	150V		
MPP Voltage Range	(Battery Voltage +2V) to72V	(Battery Voltage +2V) to108V		
Ambient temperature range	-25 °C ~ +45 °C			
Humidity	≤95%, N.C.			
Pollution degree	PD2			
Ingress protection	IP20			
Protective class	Class I			

No.:

GZES2111031606PV

Item/ Model number	Tracer 10415AN	Tracer 5420AN	Tracer 6420AN	Tracer 8420AN	Tracer 10420AN
Nominal System Voltage	12/24/36/48VDC or Auto				
Battery Input Voltage Range	8V-68V				
Rated charge current	100A	50A	60A	80A	100A
Rated charge Power	1250W/12V 2500W/24V 3750W/36V 5000W/48V	625W/12V 1250W/24V 1875W/36V 2500W/48V	750W/12V 1500W/24V 2250W/36V 3000W/48V	1000W/12V 2000W/24V 3000W/36V 4000W/48V	1250W/12V 2500W/24V 3750W/36V 5000W/48V
Max. PV open circuit voltage	150V	200V			
MPP Voltage Range	(Battery Voltage +2V) to 108V	(Battery Voltage+2V) to 144V			
Ambient temperature range	-25 °C ~ +45 °C				
Humidity	≤95%, N.C.				
Pollution degree	PD2				
Ingress protection	IP20				
Protective class	Class I				



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