

## VERIFICATION OF COMPLIANCE

No.: LVD SHES180800979101PVC  
Applicant: BEIJING EPSOLAR TECHNOLOGY CO., LTD.  
NO.228, BLOCK A, 2<sup>ND</sup> FLOOR, BLDG 1, NO. 3 STREET,  
SHANGDI XINXI CHANYE JIDI, HAIDIAN DISTRICT, BEIJING,  
CHINA  
Manufacturer: BEIJING EPSOLAR TECHNOLOGY CO., LTD.  
NO.228, BLOCK A, 2<sup>ND</sup> FLOOR, BLDG 1, NO. 3 STREET,  
SHANGDI XINXI CHANYE JIDI, HAIDIAN DISTRICT, BEIJING,  
CHINA  
Product Name: Solar charge controller  
Product Description: Solar charge controller  
Model No.: Details see page 2  
Trade Mark: EPEVER  
Rating: Details see page 2  
Protection against Electric Shock: N/A  
Additional Information: Class I, IP20, -25degC to +45degC  
Sufficient samples of the product have been tested and found to be in conformity with  
Test Standard: EN 62109-1: 2010  
as shown in the  
Test Report Number(s): SHES180800979171

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.



Erin Lin  
Laboratory Technical Manager  
SGS-CSTC



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No.:

LVD SHES180800979101PVC

Other information added:

Rating :

Item/ Model number	6210	5415	6415	8415
Out put				
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	80A
Rated charge Power	750W/12V 1500W/24V	625W/12V 1250W/24V 1875W/36V 2500W/48V	750W/12V 1500W/24V 2250W/36V 3000W/48V	1000W/12V 2000W/24V 3000W/36V 4000W/48V
Input				
Max. PV open circuit voltage	100V <sup>①</sup> or 92V <sup>②</sup>	150V <sup>①</sup> or 138V <sup>②</sup>		
MPP Voltage Range	(Battery Voltage+2V) to72V <sup>③</sup>	(Battery Voltage +2V) to108V <sup>③</sup>		

*Erin Lin*  
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No.:

LVD SHES180800979101PVC

Item/ Model number	10415	5420	6420	8420	10420
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 <sup>①</sup> or 138V <sup>②</sup>	200V <sup>①</sup> or 180V <sup>②</sup>			
MPP Voltage Range	(Battery Voltage +2V) to 108V <sup>③</sup>	(Battery Voltage+2V) to 144V <sup>③</sup>			

①At minimum operating environment temperature ;

②At 25°C environment temperature

③The maximum PV open circuit voltage must never exceed 138V or 180V at 25°C environment temperature.

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