

VERIFICATION OF COMPLIANCE

No.: LVD GZES2006020540PVA01

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.3 Building, #6 Bldg, Tashin Group, No.103 Dongxing Road,
Chenjiang Street, Zhongkai High-Tech Zone, Huizhou City, Guangdong
Province, P.R.China

Product Name: Inverter / Charger

Product Description: Inverter / Charger used in PV system

Model No.: UP5000-HM8042, UP3000-HM5042, UP3000-HM5041,
UP3000-HM10022, UP3000-HM10021, UP2000-HM6022, UP2000-
HM6021

Trade Mark: EPEVER

Rating: Refer to page 2

Protection against Electric Shock: Class I

Degree of Protection: IP 30

Additional Information: Operation temperature range: -20degC to 55degC

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

Test Standard: EN 62109-1: 2010
EN 62109-2: 2011

as shown in the

Test Report Number(s): GZES200602054001, GZES200602054002

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.



David Guo
Senior Technical Manager
SGS-CSTC

2020-08-27

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Other information added :

Rating :

Model Number	UP5000- HM8042	UP3000- HM5042	UP3000- HM10022	UP2000- HM6022	UP3000- HM5041	UP3000- HM10021	UP2000- HM6021
Battery input							
System battery voltage	48VDC	48VDC	24VDC	24VDC	48VDC	24VDC	24VDC
Battery input voltage range	43.2~ 64VDC	43.2~ 64VDC	21.6~ 32VDC	21.6~ 32VDC	43.2~ 64VDC	21.6~ 32VDC	21.6~ 32VDC
Maximum charging current of battery	80A	50A	100A	60A	50A	100A	60A
Inverter output							
Continuous output power	5000W	3000W	3000W	2000W	3000W	3000W	2000W
Output voltage	220/230Vac				110/120Vac		
Output frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Output current	22.7A/21.7A	13.6A/13A	13.6A/13A	9.1A/8.7A	27.3A/25A	27.3A/25A	18.2A/16.7A
PV input							
Max. PV open circuit voltage	500V	450V	450V	450V	450V	450V	450V
MPPT voltage range	120-400V	80-350V	80-350V	80-350V	80-350V	80-350V	80-350V
PV rated charge power	4000W	4000W	4000W	2500W	4000W	4000W	2500W
PV rated charge current	80A	50A	100A	60A	50A	100A	60A
General							
Operating temperature range	-20°C~55°C (Derating above 30°C)						
Enclosure IP degree	IP 30						
Pollution degree	PD2						



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