

Test Verification of Conformity

On the basis of the referenced test report(s), sample(s) of the below product have been found to comply with the harmonized standards and Directives listed on this verification at the time the tests were carried out.


Applicant Name & Address : Beijing Epsolar Technology Co., Ltd
NO.228, BLOCK A, 2ND FLOOR, BLDG 1, NO. 3 STREET,
SHANGDI XINXI CHANYE JIDI, HAI DIAN DISTRICT,
BEIJING, CHINA

Manufacturing site Name & Address : BEIJING EPSOLAR TECHNOLOGY CO., LTD. SHENZHEN
BRANCH
BLDG. A3, NO.18, FOURTH INDUSTRIAL PARK,
ZHULONGTIAN ROAD, SHUITIAN COMMUNITY, SHIYAN
STREET, BAOAN DISTRICT, SHENZHEN, GUANGDONG
PROVINCE, CHINA

Product(s) Tested : Stand-alone inverter power from battery

Ratings and principal characteristics : See Annex for detail

Model(s) : See Annex for detail

Brand name : 

Relevant Standard(s) / Specification(s) / Directive(s) : IEC/EN 62109-2:2011 in conjunction with IEC/EN 62109-1:2010

Verification Issuing Office Name & Address : Intertek Testing Services Shanghai
Building No.86, 1198 Qinzhou Road (North), Shanghai 200233,
China

Verification Number : 160100080SHA-V1

Report Number(s) : 160100080SHA-001

NOTE 1: This verification is part of the full test report(s) and should be read in conjunction with it.

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Signature

Name: Jonny Jing

Position: Manager

Date: 2016-05-30

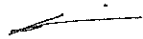
Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s):
160100080SHA-V1/160100080SHA-001. The issuing office is Intertek Testing Services Shanghai
(Address: Building No.86, 1198 Qinzhou Road (North), Caohejing Development Zone, Shanghai 200233, China).

Rating table						
Model	SHI400-12	SHI400-22	SHI600-12	SHI600-22	SHI1000-12	SHI1000-22
DC Input						
Nominal battery voltage (VDC)	12VDC	24VDC	12VDC	24VDC	12VDC	24VDC
Input Voltage Range(VDC):	10.8-16	21.6-32	10.8-16	21.6-32	10.8-16	21.6-32
Max. DC input current(A)	78A	37A	134A	62A	225A	106A
AC Output						
Normal Voltage(VAC)	220/230VAC	220/230VAC	220/230VAC	220/230VAC	220/230VAC	220/230VAC
Frequency (Hz)	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Power Normal (W) Max. continuous)	400W	400W	600W	600W	1000W	1000W
Output current Max.	4.1A	4.1A	6.2A	6.2A	10.3A	10.3A
others						
Protective class	Class I	Class I	Class I	Class I	Class I	Class I
Ingress protection (IP)	IP20	IP20	IP20	IP20	IP20	IP20
Temperature(°C)	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C

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Rating table						
Model	SHI1000-42	SHI2000-22	SHI2000-42	SHI3000-22	SHI3000-42	
DC Input						
Nominal battery voltage (VDC)	48VDC	24VDC	48VDC	24VDC	48VDC	
Input Voltage Range(VDC):	43.2-64	21.6-32	43.2-64	21.6-32	43.2-64	
Max. DC input current(A)	53.5A	187A	92A	277A	138A	
AC Output						
Normal Voltage(VAC)	220/230VAC	220/230VAC	220/230VAC	220/230VAC	220/230VAC	
Frequency (Hz)	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	
Power Normal (W) Max. continuous)	1000W	2000W	2000W	3000W	3000W	
Output current Max.	10.3A	20.5A	20.5A	30.8A	30.8A	
others						
Protective class	Class I	Class I	Class I	Class I	Class I	
Ingress protection (IP)	IP20	IP20	IP20	IP20	IP20	
Temperature(°C)	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	-20°C to +50°C	

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