

## 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, HAIJIAN 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



Intertek Testing Services Shanghai  
 Building No.86, 1198 Qinzhou Road (North),  
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 Shanghai 200233, China  
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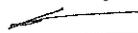
## Annex to Test Verification of Conformity

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  
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| Rating table                         |                   |                   |                   |                   |                   |                   |
|--------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Model                                | SHI400-12         | SHI400-22         | SHI600-12         | SHI600-22         | SHI1000-12        | SHI1000-22        |
| <i>DC Input</i>                      |                   |                   |                   |                   |                   |                   |
| 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              |
| <i>AC Output</i>                     |                   |                   |                   |                   |                   |                   |
| Normal Voltage(VAC)                  | 220/230VA<br>C    | 220/230VA<br>C    | 220/230VA<br>C    | 220/230VA<br>C    | 220/230VA<br>C    | 220/230VA<br>C    |
| Frequency (Hz)                       | 50/60 Hz          |
| Power Normal (W)<br>Max. continuous) | 400W              | 400W              | 600W              | 600W              | 1000W             | 1000W             |
| Output current Max.                  | 4.1A              | 4.1A              | 6.2A              | 6.2A              | 10.3A             | 10.3A             |
| <i>others</i>                        |                   |                   |                   |                   |                   |                   |
| Protective class                     | Class I           |
| Ingress protection (IP)              | IP20              | IP20              | IP20              | IP20              | IP20              | IP20              |
| Temperature(°C)                      | -20°C to<br>+50°C |

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 Signature  
 Name: Jonny Jing  
 Position: Manager  
 Date: 2016-05-30



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| Rating table                         |                   |                   |                   |                   |                   |  |
|--------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--|
| Model                                | SHI1000-42        | SHI2000-22        | SHI2000-42        | SHI3000-22        | SHI3000-42        |  |
| <i>DC Input</i>                      |                   |                   |                   |                   |                   |  |
| 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              |  |
| <i>AC Output</i>                     |                   |                   |                   |                   |                   |  |
| Normal Voltage(VAC)                  | 220/230VA<br>C    | 220/230VA<br>C    | 220/230VA<br>C    | 220/230VA<br>C    | 220/230VA<br>C    |  |
| Frequency (Hz)                       | 50/60 Hz          |  |
| Power Normal (W)<br>Max. continuous) | 1000W             | 2000W             | 2000W             | 3000W             | 3000W             |  |
| Output current Max.                  | 10.3A             | 20.5A             | 20.5A             | 30.8A             | 30.8A             |  |
| <i>others</i>                        |                   |                   |                   |                   |                   |  |
| Protective class                     | Class I           |  |
| Ingress protection (IP)              | IP20              | IP20              | IP20              | IP20              | IP20              |  |
| Temperature(°C)                      | -20°C to<br>+50°C |  |

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