



## CERTIFICATE OF CONFORMITY

Certificate Number: **1688AP0505N053001**  
Product: Grid connected photovoltaic inverter  
Brand Name:   
Model: SUN2000-8KTL, SUN2000-10KTL, SUN2000-12KTL,  
SUN2000-15KTL, SUN2000-17KTL, SUN2000-20KTL,  
SUN2000-23KTL  
Applicant: Huawei Technologies Co., Ltd  
Address: Administration Building, Headquarters of Huawei Technologies  
Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C  
Technical Characteristics: **See Next page**

### Use in accordance with regulations:

With modification according to RD413:2014 for RD1699

Nota de interpretación técnica de la equivalencia de la separación galvanica de la conexión de instalaciones Generadoras en baja tension

The test requirements of RD 661/2007 and P.O.12.3 which mentioned in RD 1565/2010 are evaluated.

Standards	Report Number	Report date
RD1699:2011, RD661:2007, P.O.12.3 DIN V VDE V 0126-1-1:2006-02 DIN V VDE V 0126-1-1/A1:2012-02	PVSP160505N053 12TH0607_PO12.3_0	2016-06-27

At the time of issue of this certificate the safety concept of an aforementioned representative product corresponds to the valid safety specifications for the specified use in accordance with regulations.

Senior Manager  
PV Inverter Team


Name: Ted Wu  
Date: 2016-07-22

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Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch.

Information given in this document is related to the tested specimen of the described electrical sample.



**Technical Characteristics:**

<b>Test item description</b> .....	<b>Grid connected photovoltaic inverter</b>			
<b>Trademark</b> .....	 <b>HUAWEI</b>			
<b>Manufacturer</b> .....	Huawei Technologies Co., Ltd			
<b>Model / Type</b> .....	SUN2000-8KTL, SUN2000-10KTL, SUN2000-12KTL, SUN2000-15KTL, SUN2000-17KTL, SUN2000-20KTL, SUN2000-23KTL			
<b>Hardware Version</b> .....	V100R001			
<b>Software Version</b> .....	V100R001			
<b>Ratings</b> .....	SUN2000-8KTL	SUN2000-10KTL	SUN2000-12KTL	SUN2000-15KTL
<b>MPP DC voltage range [V]</b> .....	320-800		380-800	400-800
<b>Input DC voltage range [V]</b> .....	250-850, max. 1000			
<b>Input DC current [A]</b> .....	18/18			18/18/18
<b>Output AC voltage [V]</b> .....	230/400, 3W+N+PE			
<b>Output AC current [A]</b> .....	12,8	16,0	19,2	24,0
<b>Output power [kVA]</b> .....	8,0	10,0	12,0	15,0
<b>Ratings</b> .....	SUN2000-17KTL	SUN2000-20KTL	SUN2000-23KTL	
<b>MPP DC voltage range [V]</b> .....	400-800	480-800		
<b>Input DC voltage range [V]</b> .....	250-850, max. 1000			
<b>Input DC current [A]</b> .....	18/18/18			
<b>Output AC voltage [V]</b> .....	230/400, 3W+N+PE			
<b>Output AC current [A]</b> .....	27,2	32,0	33,5	
<b>Output power [kVA]</b> .....	17,0	20,0	23,0	