



Product Certificate Number	20190-CER
Applicant	Huawei Technologies Co., Ltd. Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129 P.R.China
Series	SUN2000
Models	SUN2000-90KTL-H0, SUN2000-90KTL-H1, SUN2000-90KTL-H2, SUN2000-100KTL-H1 and SUN2000-105KTL-H1.
Type of generating unit	Photovoltaic Inverter
Technical Data	See page 2.
Network connection rule	Indicações para o projeto de Centrais Fotovoltaicas (PV) e Fotovoltaicas de concentração (CPV) ligadas a instalações MAT ou AT da RNT. Maio 2016.
Having assessed the test report numbers: 64.290.18.05248.01 and 18TH0387 based on the requirements of the EN ISO/IEC 17025:2005	
The above-mentioned generating unit complies with the requirements of the: Indicações para o projeto de Centrais Fotovoltaicas (PV) e Fotovoltaicas de concentração (CPV) ligadas a instalações MAT ou AT da RNT.	
This certification is according the CERE internal process PET-CERE-09 Rev 10 based on the requirements of the EN ISO/IEC 17065:2012. For this certification process the conformity assesment activities was based on:	
<ul style="list-style-type: none">• Testing of production samples selected by CERE.• Audit of quality system according ISO 9001 with certificate number: FM 669363 issued by a certification body accredited according EN ISO/IEC 17021.• Inspection of the manufacturing process.	
Madrid, November 08, 2018. This certificate is valid until November 08, 2021	
Miguel Martínez Lavin Certification Manager	



Technical data of SUN2000 series:

Input					
Technical Specifications	SUN2000-90KTL-H0	SUN2000-90KTL-H1	SUN2000-100KTL-H1	SUN2000-90KTL-H2	SUN2000-105KTL-H1
Max. Input voltage	1500VDC				
Max. Input current(per MPPT circuit)	22 Ad.c.			25 Ad.c.	
Max. short circuit current per MPPT route	33 Ad.c.				
Min. start-up voltage	650 Vd.c.				
MPP voltage range	600 V d.c.-1500 V d.c.				
MPP voltage range at full load	880 V d.c.-1300 V d.c.				
Rated input voltage	1080 V d.c.				
Number of inputs	12				
Number of MPPT circuits	6				
Output					
Technical Specifications	SUN2000-90KTL-H0	SUN2000-90KTL-H1	SUN2000-100KTL-H1	SUN2000-90KTL-H2	SUN2000-105KTL-H1
Rated active power	90kW	90kW	100kW	90kW	105kW
Max. apparent power	100kVA	100kVA	105kVA	100kVA	116kVA
Max. active power (cos φ=1)	100kW	100kW	105kW	100kW	116kW
Rated output line voltage	800 Va.c., 3W+PE				
Output frequency	50Hz				
Rated output current	65.0 Aa.c	65.0 Aa.c	72.2 Aa.c	65.0 Aa.c	75.8 Aa.c
Max. output current	72.9 Aa.c	72.9 Aa.c	80.2 Aa.c	72.9 Aa.c	84.6 Aa.c
Power factor	0.8 leading...0.8 lagging				
Max. total harmonic distortion	<3%				