ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. B 084937 0033 Rev. 00

Holder of Certificate: **Canadian Solar Inc.**
545 Speedvale Ave West
Guelph Ontario N1K1E6
CANADA

Certification Mark:

Product: **Converter**
Grid-Tied Inverter

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 701261904401-00

Valid until: 2024-04-01

Date, 2019-04-10 (Zhengdong Ma)

A4 / 07.17

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Product Service

CERTIFICATE

No. B 084937 0033 Rev. 00

Model(s): CS-125KTL-GI-E, CS-100KTL-GI-E.

Parameters:

Max. input voltage:	d.c. 1500 V
MPP voltage range:	d.c. 860-1450V
Max. input current:	d.c. 150A(CS-125KTL-GI-E), d.c. 120A(CS-100KTL-GI-E)
Isc PV (absolute maximum):	d.c. 300A(CS-125KTL-GI-E), d.c. 250A(CS-100KTL-GI-E)
Rated grid voltage	a.c. 3/PE~ 600V
Rated grid frequency	50/60Hz
Max. AC output active power:	125000 W(CS-125KTL-GI-E), 100000 W(CS-100KTL-GI-E)
Max. AC output apparent power	125000 VA(CS-125KTL-GI-E), 100000 VA(CS-100KTL-GI-E)
Max. continuous output current:	a.c. 120 A(CS-125KTL-GI-E), a.c. 96 A(CS-100KTL-GI-E)
Adjustable cos(Φ):	-0.8…1…+ 0.8
Protection class	I
Degree of protection	IP65
Overvoltage category	II(PV), III(MAINS)
Ambient temperature	-25 … +60°C

Tested according to:
IEC 62109-1(ed.1)
IEC 62109-2(ed.1)
EN 62109-1:2010
EN 62109-2:2011

Production Facility(ies): 086470

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