



Product Service

CERTIFICATE

No. B 084937 0033 Rev. 02

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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 701261904401-02

Valid until: 2025-08-24

Date, 2020-09-22

(Zhengdong Ma)



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Model(s): CSI-125K-T600GL02-E, CSI-125KTL-GI-E,
CSI-100KTL-GI-E.

Parameters:

Max. input voltage	d.c. 1500 V
MPP voltage range	d.c. 860-1450 V
Max. input current	d.c. 150 A(CSI-125K-T600GL02-E, CSI-125KTL-GI-E), d.c. 120 A(CSI-100KTL-GI-E)
Isc PV (absolute maximum)	d.c. 300 A(CSI-125K-T600GL02-E, CSI-125KTL-GI-E), d.c. 250 A(CSI-100KTL-GI-E)
Rated grid voltage	a.c. 3/PE~ 600V
Rated grid frequency	50/60Hz
Max. AC output active power	125000 W(CSI-125K-T600GL02-E, CSI-125KTL-GI-E), 100000 W(CSI-100KTL-GI-E)
Max. AC output apparent power	125000 VA(CSI-125K-T600GL02-E, CSI-125KTL-GI-E), 100000 VA(CSI-100KTL-GI-E)
Max. continuous output current	a.c. 120 A(CSI-125K-T600GL02-E, CSI-125KTL-GI-E), a.c. 96 A (CSI-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