

# Compliance Document

No. D 084937 0039 Rev. 00

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

**Product:** **Converter**  
**Grid-Tied Inverter**

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 701262005503-00

**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( $\Phi$ )	-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 61727:2004  
IEC 62116:2014