



Product Service

# Compliance Document

No. D 084937 0035 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. See also notes overleaf.

**Test report no.:** 704091907627-00

**Date,** 2019-09-12

  
( Zhengdong Ma )

TUV SUD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD  
ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT



Product Service

# Compliance Document

No. D 084937 0035 Rev. 00

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

## Parameters:

Max. input voltage:	d.c. 1500 V
MPP voltage range:	d.c. 860-1450V
Max. input current:	d.c. 150A(CSI-125KTL-GI-E), d.c. 120A(CSI-100KTL-GI-E)
Isc PV (absolute maximum):	d.c. 300A(CSI-125KTL-GI-E), d.c. 250A(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-125KTL-GI-E), 100000 W(CSI-100KTL-GI-E)
Max. AC output apparent power	125000 VA(CSI-125KTL-GI-E), 100000 VA(CSI-100KTL-GI-E)
Max. continuous output current:	a.c. 120 A(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  
 IEC 61683:1999  
 EN 50530:2010/A1:2013  
 IEC 60068-2-1:2007  
 IEC 60068-2-2:2007  
 IEC 60068-2-14:2009  
 IEC 60068-2-30:2005  
 IEC 60068-2-27:2008  
 IEC 60068-2-64:2008

TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD  
 ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT

A4 / 07.17