



Product Service

# CERTIFICATE

No. B 084937 0037 Rev. 00

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

**Certification Mark:**



**Product:** **Converter**  
**PV 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 701262005501-00

**Valid until:** 2025-04-22

**Date,** 2020-06-16

( Zhengdong Ma )

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**Model(s):** CSI-4KTL1P-GI-FL, CSI-5KTL1P-GI-FL

## Parameters:

Models	CSI-4KTL1P-GI-FL	CSI-5KTL1P-GI-FL
<b>PV input ratings:</b>		
Max. input voltage:	600 Vd.c.	
MPP voltage range:	90 – 520Vd.c.	
Max. input current:	2x11Ad.c.	
Isc PV (absolute maximum):	2x17.2Ad.c.	
<b>AC output ratings:</b>		
Rated grid voltage:	230Va.c.	
Rated grid frequency:	50/60Hz	
Rated output power:	4000W	5000W
Max. AC output active power:	4400W	5000W
Max. AC output apparent power:	4400VA	5000VA
Max. Continuous output current:	21Aa.c.	25Aa.c.
<b>General specifications:</b>		
Adjustable cos( $\phi$ ):	-0.8 ... 1 ... +0.8	
Protection class:	I	
Degree of protection:	IP65	
Overtoltage category:	II(PV), III(MAINS)	
Ambient temperature:	-25 ... +60°C	
Inverter topology:	Non-isolated	

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

**Production Facility(ies):** 086470