



Product Certificate Number	11505-34-CER
Applicant	Ingeteam Power Technology S.A. - Energy Avenida Ciudad De La Innovación, 13. 31621. Sarriguren. Navarra. SPAIN
Model/	INGECON SUN 100TL
Type of generating unit	Photovoltaic Inverter
Technical Data	See page 2
Network connection rule	IEC 60529:1989. Degrees of protection provided by enclosures (IP Code). Chapters 5 and 6.

Having assessed the test report number: 171774BT performed by CREI Ven S.c.a.r.l. based on the requirements of the EN ISO/IEC 17025:2005.

The above-mentioned generating unit complies with the requirements of the: **IEC 60529:1989.** Degrees of protection provided by enclosures (IP Code). Chapters 5 and 6.

This certification is according the CERE internal process PET-CERE-09 Rev 11 based on the requirements of the EN ISO/IEC 17065:2012. For this certification process the conformity assessment activities were based on:

- Testing of production samples selected by CERE.
- Audit of quality system according ISO 9001 with certificate number: 0. 04. 12149 issued by a certification body accredited according EN ISO/IEC 17021.
- Inspection of the manufacturing process.

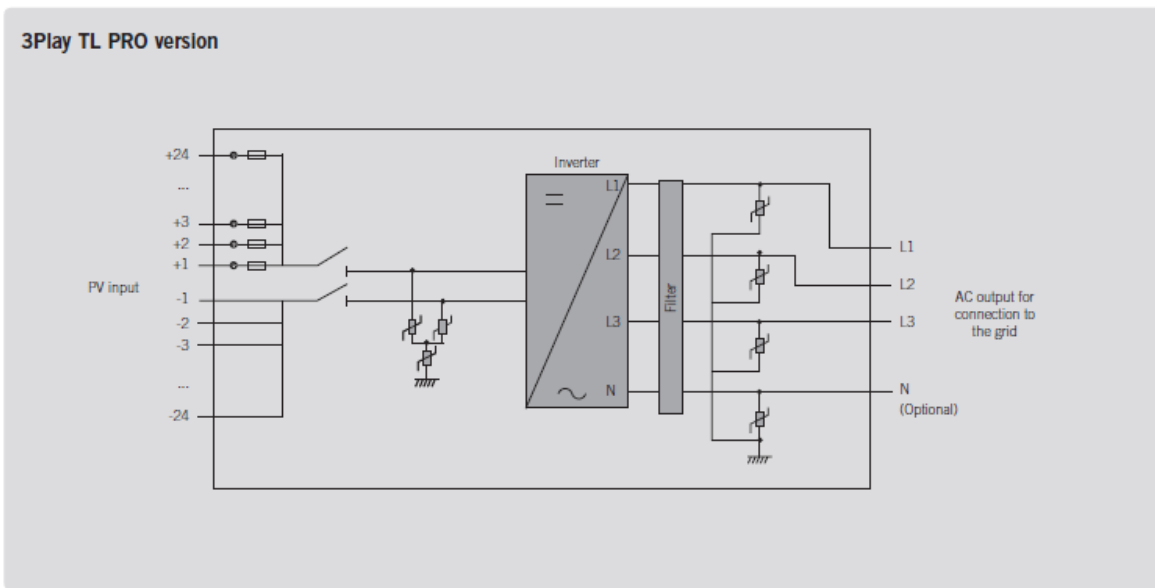
Madrid at September 12, 2017. This certificate is valid until September 12, 2020

Miguel Martínez Lavin
Certification Manager

INGETEA SUN INGECON SUN 100TL

DC INPUT					
Recommended PV-Power	92.7 - 160 kWp	97.9 - 160 kWp	103-160 kWp	108.2 - 160 kWp	113.3 - 160 kWp
Voltage range MPP	513 - 850 V	541.5 - 850 V	570 - 850 V	598.5 - 850 V	627 - 850 V
Maximum Voltage	1100 V				
Max. DC Current	185 A				
Max. DC short-circuit Current	240 A				
Inputs (STD / PRO)	1/24				
MPPT	1				
AC OUTPUT					
Rated Power @ rated Vac	90 kW	95 kW	100 kW	105 kW	110 kW
Max. temperature @ rated P	50°C				
Max. Current	145 A				
Rated Voltage	360 V	380 V	400 V	420 V	440 V
Frequency	50 / 60 Hz				
Power Factor	1				
Power Factor adjustable	Yes. Smax=90 kVA Qmax=54 kVAR	Yes. Smax=95 kVA Qmax=57 kVAR	Yes. Smax=100 kVA Qmax=60 kVAR	Yes. Smax=105 kVA Qmax=63 kVAR	Yes. Smax=110 kVA Qmax=66 kVAR
THD	<3%				

Electrical Diagram of INGETEAM INGECON SUN 100TL:



The sample selected to test was representative of the production.
The sample was selected in:

Ingeteam Power Technology S.A.
Pol. Ind. El Juncanillo nave 1
E-31293. Sesma. Navarra. SPAIN

Sample Report Number:

11505-1-TM

The inspection of manufacturing process was performed in:
On 27th of June of 2017

Ingeteam Power Technology S.A.
Pol. Ind. El Juncanillo nave 1
E-31293. Sesma. Navarra. SPAIN

Inspection Report Number:

11505-IF