

Product Certificate Number	11505-2-CER
Applicant	Ingeteam Power Technology S.A. - Energy Avenida Ciudad De La Innovación, 13. 31621. Sarriguren. Navarra. SPAIN
Model/	INGECON SUN 100TL
Series/	INGECON SUN 3Play TL Series
Type of generating unit	Photovoltaic Inverter
Technical Data	See page 2
Network connection rule	CEI 0-21:2016. Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica.

Having assessed the test report number: 11505-2-TR performed by Certification Entity for Renewable Energies, S.L. (EA Accredited Laboratory N° 1239/LE2396) based on the requirements of the EN ISO/IEC 17025:2005.

The above-mentioned generating unit complies with the requirements of the: **CEI 0-21:2016.** Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica.

Reference technical rules for the connection of active and passive consumers to the LV electrical networks of distribution Company.

This certification is according the CERE internal process PET-CERE-09 Rev 10 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. 12231 issued by a certification body accredited according EN ISO/IEC 17021.
- Inspection of the manufacturing process.

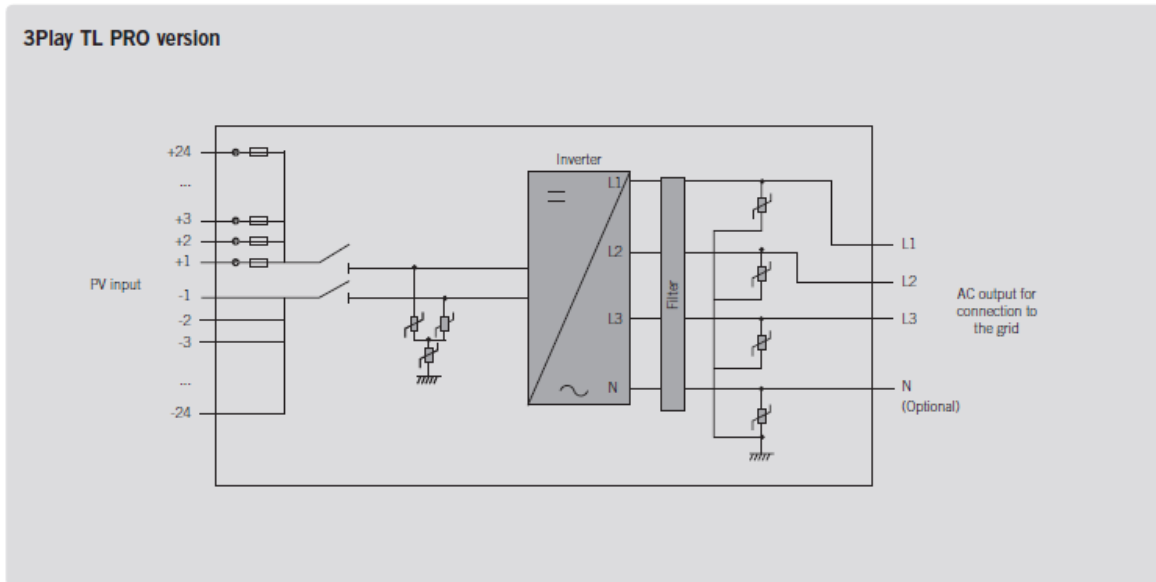
Madrid at July 17, 2017. This certificate is valid until July 17, 2020

Miguel Martínez Lavín
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 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:



Manufacturer:

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

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

April 24, 2017

Sample Report Number:

11505-1-TM

The inspection of manufacturing process was performed in
 manufacture facilities:

June 27, 2017

Inspection Report Number:

11505-IF