

SGS Tecnos, S.A., Electrical Testing Laboratory of "SAFETY OF ELECTRICAL / ELECTRONICS, ME & IT EQUIPMENTS".

CERTIFIES that the next products:



Equipments Description.....:	SOLAR INVERTERS
Trade Mark / Models	INGECON SUN 1Play TL Series (See references indicated in "Ratings")
Control version	ABE1000
Ratings.....:	(See page 2 for full model list and ratings)
Applicant & Manufacturer	INGETEAM POWER TECHNOLOGY
Address	Av. Ciudad de la innovación, 13 Sarriguren (Navarra) Spain

Were tested and found to be in **CONFORMITY** with the applicable requirements of the following standards:

- **UNE - EN 61000-3-11: 2002.** Limits. Limitations of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems. equipment with rated current ≤ 75 A and subject to conditional connection. Chapter 5: Limits.
- **UNE - EN 61000-3-12: 2006.** Limits. Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current > 16 A and ≤ 75 A per phase. Chapter 5.2: Limits.

This certificate, issued by SGS Tecnos, is laid down upon results, analysis and verifications detailed in the reference Test Reports n° 2214/0325 – F1 – EXT. This certificate will expire in 5 years from the release date of the test report (23/07/2015).

Madrid, 23th July, 2015



FERNANDO MONTES CLAVER
 Technical Manager of the E&E Lab

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Model list and ratings	
Ratings.....:	INGECON SUN 6TL M S/N: 130614240001 Input: MPPT ₁ 125-750Vdc; MPPT ₂ 90-750Vdc (850Vmax); ldc ₁ =11; ldc ₂ =11 A Output: 220/230/240 Vac; lac=26,2A; ~+PE ; 50 / 60 Hz; 6 kW
	EXTENSION MODEL: INGECON SUN 2.5TL M; Input: MPPT ₁ 125-750Vdc; MPPT ₂ 90-750Vdc (850Vmax); ldc ₁ =11; ldc ₂ =11 A Output: 220/230/240 Vac; lac=16A; ~+PE ; 50 / 60 Hz; 2,5kW
	EXTENSION MODEL: INGECON SUN 2.7TL M; Input: MPPT ₁ 125-750Vdc; MPPT ₂ 90-750Vdc (850Vmax); ldc ₁ =11; ldc ₂ =11 A Output: 220/230/240 Vac; lac=16A; 3 ~NPE ; 50 / 60 Hz; 2,7 kW
	EXTENSION MODEL: INGECON SUN 3TL M; Input: MPPT ₁ 125-750Vdc; MPPT ₂ 90-750Vdc (850Vmax); ldc ₁ =11; ldc ₂ =11 A Output: 220/230/240 Vac; lac=16A; ~+PE ; 50 / 60 Hz; 3 kW
	EXTENSION MODEL: INGECON SUN 3.3TL M; Input: MPPT ₁ 125-750Vdc; MPPT ₂ 90-750Vdc (850Vmax); ldc ₁ =11; ldc ₂ =11 A Output: 220/230/240 Vac; lac=16A; 3 ~NPE ; 50 / 60 Hz; 3,3 kW
	EXTENSION MODEL: INGECON SUN 3.68TL M; Input: MPPT ₁ 125-750Vdc; MPPT ₂ 90-750Vdc (850Vmax); ldc ₁ =11; ldc ₂ =11 A Output: 220/230/240 Vac; lac=16A; ~+PE ; 50 / 60 Hz; 3,68 kW
	EXTENSION MODEL: INGECON SUN 4.6TL M; Input: MPPT ₁ 125-750Vdc; MPPT ₂ 90-750Vdc (850Vmax); ldc ₁ =11; ldc ₂ =11 A Output: 220/230/240 Vac; lac=26,2A; ~+PE ; 50 / 60 Hz; 4,6 kW
	EXTENSION MODEL: INGECON SUN 5TL M; Input: MPPT ₁ 125-750Vdc; MPPT ₂ 90-750Vdc (850Vmax); ldc ₁ =11; ldc ₂ =11 A Output: 220/230/240 Vac; lac=26,2A; ~+PE ; 50 / 60 Hz; 5 kW
	EXTENSION MODEL: INGECON SUN 5.5TL M; Input: MPPT ₁ 125-750Vdc; MPPT ₂ 90-750Vdc (850Vmax); ldc ₁ =11; ldc ₂ =11 A Output: 220/230/240 Vac; lac=26,2A; ~+PE ; 50 / 60 Hz; 5,5 kW

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