

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 Series (See references indicated in "Ratings")
Control version	ABE1000 (1Play TL M Family) / ABF1000 (1Play HF Family)
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:

- **IEC 60529: 2001** (Degree of protection provided by enclosures, IP Code). IP 65.

This certificate, issued by SGS Tecnos, is laid down upon results, analysis and verifications detailed in the reference Test Reports n° 2614/0337- H1.

Madrid, 24th March, 2015



FERNANDO MONTES CLAVER
Technical Manager of the E&E Lab

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Model list and ratings	
Ratings.....:	INGECON SUN 6HF S/N: 130514240001 Input: 125-500Vdc (550Vmax); IdcMAX= 33 A Output: 220/230/240 Vac; Iac=26,2; ~+PE ; 50 / 60 Hz; 6 kW EXTENSION MODEL: INGECON SUN 2.5HF; Input: 125-500Vdc (550Vmax); IdcMAX= 17 A Output: 220/230/240 Vac; Iac=13,5A; ~+PE ; 50 / 60 Hz; 2,5 kW EXTENSION MODEL: INGECON SUN 2.7HF; Input: 125-500Vdc (550Vmax); IdcMAX= 17 A Output: 220/230/240 Vac; Iac=13,5A; ~+PE ; 50 / 60 Hz; 2,7 kW EXTENSION MODEL: INGECON SUN 3HF; Input: 125-500Vdc (550Vmax); IdcMAX= 22 A Output: 220/230/240 Vac; Iac=16A; ~+PE ; 50 / 60 Hz; 3 kW EXTENSION MODEL: INGECON SUN 3.3HF; Input: 125-500Vdc (550Vmax); IdcMAX= 22 A Output: 220/230/240 Vac; Iac=16A; ~+PE ; 50 / 60 Hz; 3,3 kW EXTENSION MODEL: INGECON SUN 3.68HF; Input: 125-500Vdc (550Vmax); IdcMAX= 22 A Output: 220/230/240 Vac; Iac=26,2A; ~+PE ; 50 / 60 Hz; 3,68 kW EXTENSION MODEL: INGECON SUN 4.6HF; Input: 200-820 Vdc (1000Vmax); IdcMAX= 33 A Output: 220/230/240 Vac; Iac=26,2A; ~+PE ; 50 / 60 Hz; 4,6 kW EXTENSION MODEL: INGECON SUN 5HF; Input: 125-500Vdc (550Vmax); IdcMAX= 33 A Output: 220/230/240 Vac; Iac=26,2A; ~+PE ; 50 / 60 Hz; 5 kW EXTENSION MODEL: INGECON SUN 5.5HF; Input: 125-500Vdc (550Vmax); IdcMAX= 33 A Output: 220/230/240 Vac; Iac=26,2A; ~+PE ; 50 / 60 Hz; 5,5 kW EXTENSION MODEL: INGECON SUN 2.5TL M; Input: MPPT ₁ 125-750Vdc; MPPT ₂ 90-750Vdc (850Vmax); Idc ₁ =11; Idc ₂ =11 A Output: 220/230/240 Vac; Iac=16A; ~+PE ; 50 / 60 Hz; 2,5kW EXTENSION MODEL: INGECON SUN 2.7TL M; Input: MPPT ₁ 125-750Vdc; MPPT ₂ 90-750Vdc (850Vmax); Idc ₁ =11; Idc ₂ =11 A Output: 220/230/240 Vac; Iac=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); Idc ₁ =11; Idc ₂ =11 A Output: 220/230/240 Vac; Iac=16A; ~+PE ; 50 / 60 Hz; 3 kW EXTENSION MODEL: INGECON SUN 3.3TL M; Input: MPPT ₁ 125-750Vdc; MPPT ₂ 90-750Vdc (850Vmax); Idc ₁ =11; Idc ₂ =11 A Output: 220/230/240 Vac; Iac=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); Idc ₁ =11; Idc ₂ =11 A Output: 220/230/240 Vac; Iac=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); Idc ₁ =11; Idc ₂ =11 A Output: 220/230/240 Vac; Iac=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); Idc ₁ =11; Idc ₂ =11 A Output: 220/230/240 Vac; Iac=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); Idc ₁ =11; Idc ₂ =11 A Output: 220/230/240 Vac; Iac=26,2A; ~+PE ; 50 / 60 Hz; 5,5 kW EXTENSION MODEL: INGECON SUN 6TL M; Input: MPPT ₁ 125-750Vdc; MPPT ₂ 90-750Vdc (850Vmax); Idc ₁ =11; Idc ₂ =11 A Output: 220/230/240 Vac; Iac=26,2A; ~+PE ; 50 / 60 Hz; 6 kW

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