

## DECLARATION OF CONFORMITY

**Manufacturer: INGETEAM ENERGY S.A.**  
**Avda. Ciudad de la Innovación nº 13**  
**E-31621 Sarriguren (Navarre). SPAIN**  
**Phone +34 948288000 / Fax +34 948288001**

**We hereby declare the conformity of our products Brand/Model:**

**INGECON® SUN 100 TL**

**INGECON® SUN 125 TL**

**INGECON® SUN 250 TL**

**INGECON® SUN 315 TL**

**INGECON® SUN 375 TL**

**INGECON® SUN 470 TL**

**INGECON® SUN 500 HE**

**INGECON® SUN 500 TL**

**INGECON® SUN 625 TL**

**INGECON® SUN 630 TL**

**fulfil with the safety provisions for people and things required by the following Council Directives:**

Low Voltaje Directive: 2006/95/CE

EMC Directive: 2004/108/CE

In case that our supplies are incorporated into equipment subject to the Directive 89/392/CE and its modifications, these products cannot be put into service without the prior Declaration of fulfilment of the above mentioned Directives and Quality Standards by the equipment to which they are to be incorporated.

Sarriguren, April 2010



Mr. Juan Carlos Jadraque  
Head of PV Area Ingeteam Energy S.A.



# Ingeteam

INGETEAM ENERGY S.A.  
Avda. de la Innovación  
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www.ingeteam.com

## CERTIFICATE OF CONFORMITY

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**We hereby declare that our product Brand/Model INGECON® SUN:**

**INGECON® SUN 100 TL**  
**INGECON® SUN 250 TL**  
**INGECON® SUN 500 TL**

**INGECON® SUN 125 TL**  
**INGECON® SUN 375 TL**

**Fullfils with the safety provisions for people and things required by the following Council Directives:**

2006/95/CE Low Voltage Directive

2004/108/CE Electromagnetic Compatibility Directive

**Complying with this directives allows this equipments to be marked CE.**

**Fullfils with requirements of the standards:**

CEI 11-20 (2000)

CEI 11-20 V1 (2004)

CEI 0-16 Ed. II (2008)

Sarriguren, January 2009

# Ingeteam

Ingeteam Energy S.A

Avda. Ciudad de la Innovación, 13  
E-31621 Sarriguren Navarra Spain  
Tel : +34 948 288000  
www.ingeteam.com  
CIF A-31-270853

# CE



Inscrita en el Registro Mercantil de Navarra, Tomo 19, Folio 179, Hoja NA-314 – Inscripción 27.9.90 - CIF A-31-270853.

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**Fullfils with requirements of the standards:**

CEI 11-20 (2000)

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Sarriguren, May 2010

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C.I.F. A-31-270853



## CERTIFICATE OF SOUND LEVEL

**Manufacturer: INGETEAM ENERGY S.A.**  
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**INGECON® SUN 630 TL**

**INGECON® SUN 315 TL**  
**INGECON® SUN 470 TL**  
**INGECON® SUN 500 TL**

**Comply with the following values of Sound Level:**

Sound Level 1 m.: <67 dBA

Sound level was measured in the following conditions:

- Inverter injecting nominal current.
- All fans working at maximum power.

Sarriguren, May 2010

# Ingeteam

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Modello	PI	SW Version (PI)	DI	Dgen	Pnom	Potenza continuativa	Tensione di alimentazione	Fattore di potenza	Contributo alla Corrente di corto Circuito
Ingecon Sun 10	Ingeteam	AAS1340.10	Contattore Telemecanique LC1 D25		10,0 kW	10,9 kW	400V 3F+N	1	21,7A
Ingecon Sun 11	Ingeteam	AAS1340.11	Contattore Telemecanique LC1 D25						
Ingecon Sun 12,5	Ingeteam	AAS1340.12.5	Contattore Telemecanique LC1 D25		12,5 kW	12,8 kW	400V 3F+N	1	27,1A
Ingecon Sun 15	Ingeteam	AAS1340.15	Contattore Telemecanique LC1 D25		15,0 kW	15,6 kW	400V 3F+N	1	32,5A
Ingecon Sun 20	Ingeteam	AAS1346.20	Contattore Telemecanique LC1 D38P7 38A AC3	Fuse aR 22x58 63A	20kW	22 kW	400V 3F+N	1	43A
Ingecon Sun 20 HP	Ingeteam	AAS1346.20	Contattore Telemecanique LC1 D38P7 38A AC3	Fuse aR 22x58 63A	22kW	22 kW	400V 3F+N	1	43A
Ingecon Sun 20 HP PI	Carlo Gavazzi DPC02DM48 B003	A1	Contattore Telemecanique LC1 D38P7 38A AC3	Fuse aR 22x58 63A	22kW	22 kW	400V 3F+N	1	43A
Ingecon Sun 25			Contattore Telemecanique LC1 D38P7 38A AC3	Fuse aR 22x58 63A	25kW	27,5kW	400V 3F+N	1	54A
Ingecon Sun 25 PI	Carlo Gavazzi DPC02DM48 B003	A1	Contattore Telemecanique LC1 D38P7 38A AC3	Fuse aR 22x58 63A	25kW	27,5kW	400V 3F+N	1	54A
Ingecon Sun 30			Contattore Telemecanique LC1 D50P7 50A AC3	Fuse aR 22x58 80A	30kW	33kW	400V 3F+N	1	65A
Ingecon Sun 30 PI	Carlo Gavazzi DPC02DM48 B003	A1	Contattore Telemecanique LC1 D50P7 50A AC3	Fuse aR 22x58 80A	30kW	33kW	400V 3F+N	1	65A
Ingecon Sun 50 PI	Carlo Gavazzi DPC02DM48 B003	A1	Contattore Telemecanique LC1 F185		50 kW	55 kW	400V 3F	1	108 A
Ingecon Sun 60 PI	Carlo Gavazzi DPC02DM48 B003	A1	Contattore Telemecanique LC1 F185		60 kW	66 kW	400V 3F	1	131 A
Ingecon Sun 70 PI	Carlo Gavazzi DPC02DM48 B003	A1	Contattore Telemecanique LC1 F185		70 kW	77 kW	400V 3F	1	152 A
Ingecon Sun 80 PI	Carlo Gavazzi DPC02DM48 B003	A1	Contattore Telemecanique LC1 F185		80 kW	88 kW	400V 3F	1	173 A
Ingecon Sun 90 PI	Carlo Gavazzi DPC02DM48 B003	A1	Contattore Telemecanique LC1 F185		90 kW	99 kW	400V 3F	1	195 A
Ingecon Sun 100 PI	Carlo Gavazzi DPC02DM48 B003	A1	Contattore Telemecanique LC1 F185	NS250H TM200D 3P 70kA Merlin Gerin MG31671	100 kW	110 kW	400V 3F	1	216 A

## Versioni Firmware dei dispositivi Ingecon Sun

FW	Ingecon Sun	
AAS1321	Ingecon Sun 10kW	
AAS1340	Ingecon Sun 12,5kW IP54	
AAS1342	Ingecon Sun 15kW IP54	
AAS1347	Ingecon Sun 20kW IP54	
AAS1346	Ingecon Sun 25kW IP54	
AAS1348	Ingecon Sun 30kW IP54	
AAS1302	Ingecon Sun 50kW	
AAS1302	Ingecon Sun 60kW	
AAS1299	Ingecon Sun 70kW	
AAS1300	Ingecon Sun 80kW	
AAS1329	Ingecon Sun 90kW	
AAS1301	Ingecon Sun 100kW	
AAS1312	Ingecon Sun 100kW TL	
AAV1300	Ingecon Sun Nx125 kW TL	Valido per 125TL 250TL,375TL,500TL
AAV1301	Ingecon Sun Nx125 kW TL Master Slave	Valido per la versione master slave 250TL,375TL,500TL
AAV1300	Ingecon Sun Nx156 kW TL	Valido per 315HE TL, 470HE TL,500HE TL, 630HE TL
AAV1301	Ingecon Sun Nx156 kW TL Master Slave	Valido per la versione master slave 315HE TL,470HE TL,500HE TL,630HE TL

La versione firmware è la stessa dei convertitori Nx125 kW con parametri diversi