

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 product Brand/Model:

INGECON® SUN 10 TL

Is conforming to the provisions of the following harmonised standards:

EMC:

Emission: EN 61000-6-3:2001 + A11(2004) (Residential Environments)

Immunity: EN 61000-6-2:2001 (Industrial Environments)

Harmonics: EN 61000-3-2:2000 + A2 (2005)

Flickers: EN 61000-3-3:1995 + A1 (2001)

Electrical Security: UNE EN 50178:1998

Therefore fulfils 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, May 2011



D. Roberto González Senosiáin
Head of R&D Department PV Area
Ingeteam Energy S.A.



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 12.5 TL

INGECON® SUN 15 TL

INGECON® SUN 18 TL

Are conforming to the provisions of the following harmonised standards:

EMC:

Emission: EN 61000-6-3:2001 + A11(2004) (Residential Environments)

Immunity: EN 61000-6-2:2001 (Industrial Environments)

Harmonics: EN 61000-3-12:2005

Flickers: EN 61000-3-11:2000

Electrical Security: UNE EN 50178:1998

Therefore fulfils 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, May 2010

D. Roberto González Senosiáin
Head of R&D Department PV Area
Ingeteam Energy S.A.





Italia

Accreditation number: 9/LE900;

Esaminate le dichiarazioni/*Having assessed the declarations:*

CE Declaration of Conformity for INGECON SUN 10 TL
CE Declaration of Conformity for INGECON SUN 12.5 TL,
INGECON SUN 15 TL and INGECON SUN 18 TL

emesse dal/issued by:

INGETEAM ENERGY S.A.

Avenida Ciudad de la Innovación 13
 E-31621 Sarriguren (Navarra) - Spain

Relativo al prodotto/Related to product:

Transformless three-phases PV inverter 18kW
 (vedi allegato con sigle identificative)/(see attachment with model types)

Modello/Model: **INGECON SUN 18TL**

Serial Number: **420011041012**

Costruttore/Manufacturer:

INGETEAM ENERGY S.A.

Avenida Ciudad de la Innovación 13
 E-31621 Sarriguren (Navarra) - Spain

Versione Software/Software release:

AAY1006; AAY1007

Caratteristiche di rete/Grid features:

3 X 400 VAC; 26 X 3PH A; 50 Hz

Potenza nominale/nominal power output:

18000 W

Tensione PV di ingresso/Input PV Voltage:

Max 450 VDC; Range 150~450 VDC

Caratteristiche costruttive/Construction characteristics:

L'inverter è del tipo trasformatore di isolamento interno

/The inverter is of the type internal insulation transformer

Si dichiara che il prodotto indicato è conforme alle prescrizioni ENEL della guida per le connessioni alla rete elettrica di Enel Distribuzione, Ed. 2.1 Dicembre 2010

We declare that the products indicated meet the requirements laid down in guida per le connessioni alla rete elettrica di Enel Distribuzione, Ed. 2.1 December 2010

Allegati/Attachments:

- Elenco Modelli/Model list

Sesto San Giovanni, 20/07/2011



TÜV ITALIA Srl
Industrie Service
TÜV SÜD Group

Gennaro Oliva

CV-214935-012 del 20/07/2011



Italia

TÜV SÜD Industrie Service GmbH

Accreditamento EN 17020, numero di registrazione D-IS-14153-02-01 emesso dal DAkkS (Deutsche Akkreditierungsstelle – data scadenza 17/04/2015)
Accreditation EN 17020, registration number D-IS-14153-02-01 issued by DAkkS (Deutsche Akkreditierungsstelle – expiry date 17/04/2015)

Oggetto: Dichiarazione di conformità alle prescrizioni Enel (Sezione F.14 della “guida per le connessioni alla rete elettrica di Enel Distribuzione” Ed 2.1 Dicembre 2010 – Apparecchiature di interfaccia con la rete BT: Prescrizioni e Prove – Allegato AIB)

Subject: Declaration of Conformity to ENEL guidelines (Section F.14 of “Guida per le connessioni alla rete elettrica di Enel Distribuzione” Ed 2.1 December 2010 – Interface devices with LV grid: Requirements and Tests – Annex AIB)

Tipologia apparato a cui si riferisce la dichiarazione:

Type of apparatus which the declaration is referred to:

Dispositivo di Interfaccia <i>Interface device</i>	Protezione di Interfaccia <i>Interface protection device</i>	Dispositivo di conversione Statica <i>Static conversion device</i>
X*	X**	X

* integrato nel dispositivo di conversione statica/*integrated in the static power converter*

** integrato nel dispositivo di conversione statica/*integrated in the static power converter*

Esaminato il rapporto di prova/*Having assessed the Test Report*
CONBT01-19492-110130 dated 12.07.2011

emesso da/issued by:

EuroTest Laboratori S.r.l.

Via dell'Industria, 18 - 35020 Brugine (PD) Italia
 EMC and Safety Laboratory Accredited by SINAL
 In compliance with UNI CEI EN ISO/IEC 17025
 Accreditation number: 0192

Esaminato il rapporto di prova/*Having assessed the Test Report*
Report n. 3110018 dated 30.06.2011

emesso da/issued by:

CEMITEC

**Electromagnetic Compatibility and Electrical Safety
 CETENA Foundation**

Polígono Mocholí, Plaza Cein 4
 31110 Noain (Navarra) - Spain
 EMC Laboratory Accredited by ENAC
 In compliance with UNE EN ISO/IEC 17025
 Accreditation number: 69/LE1061;

Esaminato il rapporto di prova/*Having assessed the Test Report*
Report n. 11/31700520 dated 20.05.2011

emesso da/issued by:

APPLUS+ Certification Technological Center

Campus UAB, PO BOX 18
 E 08193 Bellaterra (Barcelona) - Spain
 EMC Laboratory Accredited by ENAC
 In compliance with UNE EN ISO/IEC 17025

CV-214935-012 del 20/07/2011



Italia

ALLEGATO – Elenco modelli
ANNEX – Model list

Le prove effettuate sul campione **INGECON SUN 18 TL** (campione 01) sono tali da estendere i risultati all'intera famiglia di prodotto composta dai seguenti modelli/*The tests made on sample INGECON SUN 18 TL (sample 01), could extend the test results to the complete family product composed by the following models:*

Modelli /Models	Software release
INGECON SUN 18 TL	AAY1006 AAY1007
INGECON SUN 15 TL	
INGECON SUN 12.5 TL	
INGECON SUN 10 TL	

Models	N° Phases	Nominal VAC [V]	Nominal AC Power [W]	VDC Max [V]	VDC MPPT [V]
INGECON SUN 18 TL	3	400	18000	550	150 ~ 450
INGECON SUN 15 TL			15000		
INGECON SUN 12.5 TL			12500		
INGECON SUN 10 TL			10000		