

**Product certificate number**

**No: 2614/0337/B13/E2-CER**

**Manufacturer**

**INGETEAM POWER TECHNOLOGY  
Pol. Industrial El Juncarillo Nave 1, 31293 Sesma, Navarra, Spain**

**Type**

**3Play**

**Model**

**INGECON SUN 10TL M / INGECON SUN 12.5TL M / INGECON SUN 15TL M / INGECON SUN 20TL M  
INGECON SUN 28TL M / INGECON SUN 33TL M / INGECON SUN 24TL M480 / INGECON SUN 40TL M480  
INGECON SUN 10TL / INGECON SUN 12.5TL / INGECON SUN 15TL  
INGECON SUN 20TL / INGECON SUN 28TL / INGECON SUN 33TL**

**Type of generating unit**

**Static Power Converter**

**Technical Data**

<b>Nominal Power TL M</b>	<b>10 kW</b>	<b>12,5 kW</b>	<b>15 kW</b>	<b>20 kW</b>	<b>24 kW</b>	<b>28 kW</b>	<b>33 kW</b>	<b>40 kW</b>
<b>Nominal Power TL</b>	<b>10 kW</b>	<b>12,5 kW</b>	<b>15 kW</b>	<b>20 kW</b>	<b>28 kW</b>	<b>33 kW</b>		
<b>Nominal Voltage</b>	<b>380 / 400 V (3Play TL and 3Play TL M) 480 V (3Play TL M480)</b>							
<b>Nominal Frequency</b>	<b>50 Hz</b>							
<b>Firmware version</b>	<b>ABI1000 (3Play TL M) ABI1004 (3Play TL)</b>							
<b>Number of phases</b>	<b>Three-phase</b>							
<b>Isolation Transformer</b>	<b>No</b>							

**Standards**

**Grid connection code for renewable power plants (RPPs) connected to the electricity transmission system (TS) or the distribution system (DS) in South Africa. Version 2.6. November 2012.**

This certificate is based upon the test results of the Test Report nº 2614/0337-B13-E2.

The above-mentioned generating unit is certified according the SGS internal process 4 based on the requirements of the UNE-EN ISO / IEC 17065.

This certificate cancels and supersedes the certificate number 2614/0337/B13/E1-CER.

This certificate is valid until: 27<sup>th</sup> of April 2018

**Madrid, 22<sup>th</sup> of December 2015**

**Daniel Arranz Muñiz  
Certification Manager**

