

Product certificate number

No: 2614/0337/D3/E2-CER/E1

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

**Trademark** *Ingeteam*

**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

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

**Standards** **EN 50438:2013.** Requirements for micro-generating plants to be connected in parallel with public low-voltage distribution networks

This certificate is based upon the test results of the Test Report nº 2614/0337-D3-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/D3/E2-CER.

This certificate is valid until: 09<sup>th</sup> of April 2021

Madrid, 09<sup>th</sup> of April 2018



Daniel Arranz Muñiz  
Certification Manager

