

Product certificate number

No: 2614/0325/B3/E3-CER/E1

Manufacturer

Ingeteam Power Technology S.A - Energy  
Polígono 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

Technical Data

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

Standard

IEC 62116:2014, Utility-interconnected photovoltaic inverters – Test procedure of islanding prevention measures

The above-mentioned generating unit is certified according the SGS internal procedure PE.T-ECPE-18 based on the requirements of the UNE-EN ISO/IEC 17065.

This certificate supersedes the certificate number 2614/0325/B3/E3-CER.

This certificate is valid until: 21<sup>th</sup> of June 2020

Madrid, 21<sup>th</sup> of June 2017

  
Daniel Arranz Muñiz  
Certification Manager

