Product certificate number   **No: 2615/0324/B/E1-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

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) 480 V (3Play TL M480)
Nominal Frequency	50 Hz
Firmware version	ABI1004 (3Play TL family) ABI1000 (3Play TL M family)
Number of phases	Three phase
Isolation Transformer	No

Standard — DEWA. Version 1.0 – Edition 2015. Standard for distributed generators connected to the distribution network.
Annex D.3: Inverters for Low Voltage connected to Renewable Resource Generating Units (RRGUs)
Annex D.4: Inverters for Medium Voltage connected to Renewable Resource Generating Units (RRGUs).

This certificate is based upon the test results of the Test Reports n° 2615/0324-A2 and n° 2615/0324-B11.

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 2615/0324/B/E1-CER.

This certificate is valid until: 09th of April 2021

Madrid, 09th of April 2018

Daniel Arranz Muñiz
Certification Manager