

Por medio del certificado de producto número / By the product certificate number

No: 2620/0027-2-CER

Emitido a / Issued to:

Fabricante /
Manufacturer

Shenzhen Growatt New Energy Technology Co., Ltd.
1st East & 3rd floor of Building A, Building B. Juayu Industrial Parl #28
GuangHui Road, LongTeng Community, Shiyuan Street, Baoan District
Shenzhen – China

Marca /
Trademark

Growatt



Se certifica que el producto / It is certified that the product:

Tipo de aparato /
Type of product

Inversor trifásico / Three phase inverter

Modelos /
Models

**Growatt 3000 TL3-S / Growatt 4000 TL3-S / Growatt 5000 TL3-S / Growatt 6000 TL3-S
Growatt 7000 TL3-S / Growatt 8000 TL3-S / Growatt 9000 TL3-S / Growatt 10000 TL3-S;**

Datos técnicos /
Rated characteristics

Potencia nominal / Rated Power [kW]

Ver página 2 / See page 2

Tensión nominal / Rated Voltage [V]

Ver página 2 / See page 2

Frecuencia nominal / Rated Frequency [Hz]

50

Versión Firmware / Firmware version

dhaa01

Número de fases / Number of phases

3~/N/PE

Transformador de aislamiento / Isolation transformer

NO

Está en cumplimiento con / Is in compliance with:

Norma / Standard

UNE 206 007-1 IN:2013,

Requisitos de conexión a la red eléctrica. Inversores para conexión a la red de distribución.

Se consideran los requisitos para funciones de protección ante variaciones anormales de tensión y frecuencia en la red según viene definido en el Real Decreto 1699/2011 / They are considered protective functions requirements for voltage and frequency abnormal variations in the grid stated in the Real Decreto 1699/2011.

El equipo antes mencionado está certificado conforme con el procedimiento interno de SGS PE.T-ECPE-23 de acuerdo con los requisitos de la norma UNE-EN ISO/IEC 17065. / The above-mentioned generating unit is certified according to the SGS internal procedure PE.T-ECPE-23 based on the requirements of the UNE-EN ISO / IEC 17065.

Este certificado es válido hasta: 7 de febrero de 2023. / This certificate is valid until the 7th of February 2023.

Este certificado se emite por vez primera: 7 de febrero de 2020. / This certificate is first issued on 7th of February 2020.

Madrid, 7 de febrero de 2020

Daniel Arranz Muñiz
Certification Manager



Generadores / Generators

Product Model	Growatt 3000TL3-S	Growatt 4000TL3-S	Growatt 5000TL3-S	Growatt 6000TL3-S
Input (DC)				
Max.DC Input Power	3600W	4800W	6000W	7200W
Max.DC Voltage	1000V			
Start voltage	160V			
PV Voltage	140V-1000V			
Rated input voltage	620V			
MPPT Voltage Range	200V-1000V			
Full load DC voltage range	160V-800V	200V-800V	250V-800V	290V-800V
MAX input current per MPPT	11A/11A			
Output (AC)				
Max AC Output power	3000W	4000W	5000W	6000W
Max AC Output Current	4.5A	6.1A	7.6A	9.1A
Rated AC Output current	4.3A	5.8A	7.2A	8.7A
Nominal Grid Voltage	230V/400V (3W/N/PE)			
Nominal Frequency	50Hz			
Power factor	0.8 leading to 0.8 lagging			
Operating temperature range	-25 °C ~60°C			
Degree of protection	IP65			
Protective class	Class I			

Product Model	Growatt 7000TL3-S	Growatt 8000TL3-S	Growatt 9000TL3-S	Growatt 10000TL3-S
Input (DC)				
Max.DC Input Power	8400W	9600W	10800W	12000W
Max.DC Voltage	1000V			1100V
Start voltage	160V			
PV voltage	160V-1000V			
Rated input voltage	600V			
MPPT Voltage Range	200V-1000V			
Full load DC voltage range	320V-880V	360V-850V	400V-850V	480V-850V
MAX input current per MPPT	11.5A/11.5A			
Output (AC)				
Max AC Output power	7000W	8000W	9000W	10000W
Max AC Output Current	11.7A	13.3A	15A	16.7A
Rated AC Output current	10.1A	11.6A	13.0A	14.5A
Nominal Grid Voltage	230V/400V (3W/N/PE)			
Nominal Frequency	50Hz			
Power factor	0.8 leading to 0.8 lagging			
Operating temperature range	-25 °C ~60°C			
Degree of protection	IP65			
Protective class	Class I			

