



No: 2620/0003/A-CER

Product certificate number / Certificado de producto número

License holder / Shenzhen Growatt New Energy Technology Co., Ltd Titular del certificado

1st East & 3rd Floor of Building A, Building B, Jiayu Industrial Park, #28, GuangHui Road, LongTeng Community, Shiyan Street, Baoan

District, Shenzhen, P.R.China

Trademark / Marca

rowatt

Shenzhen Growatt New Energy Technology Co., Ltd Factory / Fábrica

> 1st East & 3rd Floor of Building A, Building B, Jiayu Industrial Park, #28, GuangHui Road, LongTeng Community, Shiyan Street, Baoan

District, Shenzhen, P.R.China

MIN 6000TL-XE, MIN 5000TL-XE, MIN 4600TL-XE, MIN 4200TL-XE, Models / Modelos

MIN 3600TL-XE, MIN 3000TL-XE, MIN 2500TL-XE, MIN 6000TL-XH, MIN 5000TL-XH, MIN 4600TL-XH, MIN 4200TL-XH, MIN 3600TL-XH,

MIN 3000TL-XH, MIN 2500TL-XH, MIN 6000TL-X, MIN 5000TL-X,

MIN 4600TL-X, MIN 4200TL-X, MIN 3600TL-X, MIN 3000TL-X, MIN 2500TL-X From 2500 VA to 6000 VA. See pages 2, 3 and 4.

De 2500 VA a 6000 VA. Ver páginas 2, 3 y 4.

230 V

50 Hz

AL1.0

Singular-phase / Monofásico

Technical Data / Datos Técnicos

Nominal Power / Potencia Nominal

Nominal Voltage /

Tensión Nominal

Nominal Frequency / Frecuencia Nominal

Firmware version /

Versión de Firmware

Number of phases /

Número de fases

Isolation transformer /

Trasformador de

aislamiento

Transformerless / Sin transformador

UNE 206 007-1 IN:2013, Regulation / Norma Requisitos de conexión a la red eléctrica. Inversores para conexión a la red de distribución.

They are considered protective functions requirements for voltage and frequency abnormal variations in the grid stated in the Real Decreto 1699/2011 / 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.

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 / 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.

This certificate is valid until / Este certificado es válido hasta el: 13th January 2023 / 13 de enero de 2023.

Madrid, 13 de Enero de 2020

Daniel Arranz Muñiz Certification Manager



SGS Tecnos, S.A. C/ Trespaderne, 29 - 28042 Madrid This certificate is issued by SGS under its General Conditions for Product Certification at The status and validity of the certificate can be checked scanning the QR code above included or through the following web link database: This document cannot be reproduced partially

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Rated characteristics / Características nominales:

MIN xxxxTL-XE from 2500 to 6000:

Model								
Specifications	MIN 6000 TL-XE	MIN 5000 TL-XE	MIN 4600 TL-XE	MIN 4200 TL-XE	MIN 3600 TL-XE	MIN 3000 TL-XE	MIN2500 TL-XE	
Input data (PV)					0505056 0505056 0505056			
Max. recommended PV power (for module STC)	8100W	7000W	6440W	5880W	5040W	4200W	3500W	
Max. PV voltage	550V					500V		
MPP voltage range	80V - 550V				80V - 500V			
MPP voltage range at Full Power	250V- 500V	210V- 500V	195V- 500V	180V- 500V	155V- 500V	130V- 450V	110V- 450V	
Max. input current per MPP trackers	12.5A							
Max. short-circuit current per MPP trackers	16A							
Output data (AC Grid)				650363036565 65036363656 6503656656				
AC nominal power	6000W	5000W	4600W	4200W	3600W	3000W	2500W	
Max. AC apparent power	6000VA	5000VA	4600VA	4200VA	3600VA	3000VA	2500VA	
Nominal AC voltage	230V							
AC grid frequency	50Hz							
Max. output current	27.2A	22.7A	20.9A	19.0A	16.0A	13.6A	11.3A	
Rated output current	26.1A	21.7A	20.0A	18.3A	15.7A	13.0A	10.9A	
Adjustable power factor	0.8leading~0.8lagging							







MIN xxxxTL-X from 2500 to 6000:

Model	MIN 6000	MIN 5000	MIN 4600	MIN 4200	MIN 3600	MIN 3000	MIN2500	
Specifications	TL-X	TL-X	TL-X	TL-X	TL-X	TL-X	TL-X	
Input data (PV)		1000000 100000000000000000000000000000			05050505 05050505			
Max. recommended PV power (for module STC)	8100W	7000W	6440W	5880W	5040W	4200W	3500W	
Max. PV voltage	550V					500V		
MPP voltage range	80V - 550V					80V - 500V		
MPP voltage range at Full Power	250V- 500V	210V- 500V	195V- 500V	180V- 500V	155V- 500V	130V- 450V	110V- 450V	
Max. input current per MPP trackers	12.5A							
Max. short-circuit current per MPP trackers	16A							
Output data (AC Grid)	65			(B656555656) 61936565656 24056565656				
AC nominal power	6000W	5000W	4600W	4200W	3600W	3000W	2500W	
Max. AC apparent power	6000VA	5000VA	4600VA	4200VA	3600VA	3000VA	2500VA	
Nominal AC voltage	230V							
AC grid frequency	50Hz							
Max. output current	27.2A	22.7A	20.9A	19.0A	16.0A	13.6A	11.3A	
Rated output current	26.1A	21.7A	20.0A	18.3A	15.7A	13.0A	10.9A	
Adjustable power factor	0.8leading~0.8lagging							







MIN xxxx TL-XH from 2500 to 6000:

Model Specifications	MIN 6000 TL-XH	MIN 5000 TL-XH	MIN 4600 TL-XH	MIN 4200 TL-XH	MIN 3600 TL-XH	MIN 3000 TL-XH	MIN2500 TL-XH	
Input data (PV)		FIGURE STORY		POSCESSOR SCHOOL VON POSCESSOR SCHOOL VON POSCESSOR SCHOOL VON	0505056 0505057 0505051			
Max. recommended PV power (for module STC)	8100W	7000W	6440W	5880W	5040W	4200W	3500W	
Max. PV voltage	550V					500V		
MPP voltage range	80V - 550V					80V - 500V		
MPP voltage range at Full Power	250V- 500V	210V- 500V	195V- 500V	180V- 500V	155V- 500V	130V- 450V	110V- 450V	
Max. input current per MPP trackers	12.5A							
Max. short-circuit current per MPP trackers	16A							
Input data (DC)				696303636563 686365636365 646363636361				
DC input voltage range	350V-480V							
Max. Input current	10A							
Output data (AC Grid)	1545656565656565656565656565656565656565		101 036568056805 1010 0465036505 1010 0780555	ESGSEROSESESESESES GSGSGSGSGSGSGSGSGSGSGSGSGSGS	565 56565656565656565656565656565656565	505650 505650 505650		
AC nominal power	6000W	5000W	4600W	4200W	3600W	3000W	2500W	
Max. AC apparent power	6000VA	5000VA	4600VA	4200VA	3600VA	3000VA	2500VA	
Nominal AC voltage	230V							
AC grid frequency	50Hz							
Max. output current	27.2A	22.7A	20.9A	19.0A	16.0A	13.6A	11.3A	
Rated output current	26.1A	21.7A	20.0A	18.3A	15.7A	13.0A	10.9A	
Adjustable power factor	0.8leading~0.8lagging							





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