



Ref. Certif. No.

**SE-110051**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME**CB TEST CERTIFICATE**

Product

PV Grid inverter

Name and address of the applicant

Shenzhen Growatt New Energy Co., Ltd  
4-13/F, Building A, Sino-German(Europe) Industrial Park,  
Hangcheng Ave, Bao'an District, Shenzhen China

Name and address of the manufacturer

Same as applicant

Name and address of the factory

Guangdong Growatt New Energy Co., Ltd.  
Growatt Industrial Park, No.17 Pingheng Road Pingtan  
Town, Huiyang District, Huizhou, Guangdong, China*Note: When more than one factory, please report on page 2*☐ Additional Information on page 2

Ratings and principal characteristics

Input: Max PV voltage: 1100Vdc; PV Isc: 40A/56.5A  
Output: 3W/N/PE, 230/400Vac, 50/60Hz  
Class I; IP66

Trademark / Brand (if any)

GROWATT

Customer's Testing Facility (CTF) Stage used

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Model / Type Ref.

See page 2

Additional information (if necessary may also be  
reported on page 2)☒ Additional Information on page 2-3A sample of the product was tested and found  
to be in conformity withIEC 62109-1:2010,  
IEC 62109-2:2011As shown in the Test Report Ref. No. which  
forms part of this Certificate

220921055GZU-003, 220921055GZU-004

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB  
Torshamnsgatan 43  
Box 1103  
SE-164 22 Kista, Sweden

Date: 16 January, 2023

Signature:

  
Quan Li

**Model / Type Ref.**

MAX 80KTL3-X LV, MAX 100KTL3-X LV, MAX 110KTL3-X LV,  
MAX 120KTL3-X LV, MAX 125KTL3-X LV, MAX 133KTL3-X LV,  
MAX 125KTL3-X MV, MAX 136KTL3-X MV, MAX 150KTL3-X MV  
MAX 80KTL3-X2 LV, MAX 100KTL3- X2 LV, MAX 110KTL3-X2 LV,  
MAX 120KTL3-X2 LV, MAX 125KTL3-X2 LV, MAX 133KTL3-X2 LV  
MAX 125KTL3-X2 MV, MAX 136KTL3-X2 MV, MAX 150KTL3-X2 MV

**Additional information**

Model	MAX 80KTL3-X LV MAX 80KTL3-X2 LV	MAX 100KTL3-X LV MAX 100KTL3-X2 LV	MAX 110KTL3-X LV MAX 110KTL3-X2 LV	MAX 120KTL3-X LV MAX 120KTL3-X2 LV	MAX 125KTL3-X LV MAX 125KTL3-X2 LV
Max.PV voltage	1100Vdc				
PV voltage range	180V – 1000Vdc				
Max.input current	32A*7 1) 45A*8 2)	32A*10 1) 45A*8 2)			
PV Isc	40A*7 1) 56.5A*8 2)	40A*10 1) 56.5A*8 2)			
Number of strings per MPPT	2				
Nominal output voltage	3W/N/PE, 230/400Vac				
Nominal output Frequency	50/60Hz				
Max.output current	133.7A	167.1A	183.8A	200.5A	208.9A
Max.output power	80KW	100KW	110KW	120KW	125KW
Max.apparent power	88KVA	110KVA	121KVA	132KVA	137.5KVA
Power factor range	0.8Leading – 0.8 lagging				
Safety level	Class I				
Ingress Protection	IP 66				
Operation Ambient Temperature	-30°C - +60°C				

Date: 16 January, 2023

Signature:



Model	MAX 133KTL3-X LV MAX 133KTL3- X2 LV		MAX 125KTL3-X MV MAX 125KTL3-X2 MV		MAX 136KTL3-X MV MAX 136KTL3-X2 MV		MAX 150KTL3-X MV MAX 150KTL3-X2 MV	
Max.PV voltage	1100Vdc							
PV voltage range	180V – 1000Vdc							
Max.input current	32A*10 1) , 45A*8 2)							
PV Isc	40A*10 1) , 56.5A*8 2)							
Number of strings per MPPT	2							
Nominal output voltage	3W/N/PE, 230/400Vac		3W/PE, 277/480Vac					
Nominal output Frequency	50/60Hz							
Max.output current	222.3A		165.4A		179.9A		198.5A	
Max.output power	133KW		125KW		136KW		150KW	
Max.apparent power	146.3KVA		137.5KVA		149.6KVA		165.0KVA	
Power factor range	0.8Leading – 0.8 lagging							
Safety level	Class I							
Ingress Protection	IP 66							
Operation Ambient Temperature	-30°C - +60°C							
Software version	TN1.0							
1) for “-X” series; 2) for “-X2” series								

Date: 16 January, 2023

Signature:

