

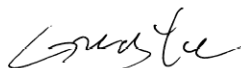
Certificate of Conformity

Certificate Number: CN-PV-220180

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Shenzhen Growatt New Energy Co., Ltd 4-13/F, Building A, Sino-German (Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China.
Product:	Anti-backflow system
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	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 80KTL3-X2 LV, MAX 100KTL3-X2 LV, MAX 110KTL3-X2 LV, MAX 120KTL3-X2 LV, MAX 125KTL3-X2 LV, MAX 133KTL3-X2 LV
Brand Name<s>:	GROWATT
Product Complies with:	UNE 217001: 2020 Requirements and tests for systems intended to avoid the energy transmission to the distribution network
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	210223054GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 31 August 2022



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220180.

Model	MAX 80KTL3-X LV	MAX 100KTL3-X LV	MAX 110KTL3-X LV
Max.PV voltage	1100Vdc		
PV voltage range	180V – 1000Vdc		
Max.input current	32A*7	32A*10	
PV Isc	40A*7	40A*10	
Number of strings per MPPT	2		
Nominal output voltage	3W/N/PE, 230/400Vac		
Nominal output Frequency	50Hz		
Max. output current	133.7A	167.1A	183.8A
Max. output power	80KW	100KW	110KW
Max. apparent power	88KVA	110KVA	121KVA
Power factor range	0.8Leading – 0.8 lagging		
Safety level	Class I		
Ingress Protection	IP 66		
Operation Ambient Temperature	-30℃ - +60℃		
Software version	TN1.0		

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220180.

Model	MAX 120KTL3-X LV	MAX 125KTL3-X LV	MAX 133KTL3-X LV
Max.PV voltage	1100Vdc		
PV voltage range	180V – 1000Vdc		
Max.input current	32A*10		
PV Isc	40A*10		
Number of strings per MPPT	2		
Nominal output voltage	3W/N/PE, 230/400Vac		
Nominal output Frequency	50Hz		
Max. output current	200.5A	208.9A	222.3A
Max. output power	120KW	125KW	133KW
Max.apparent power	132KVA	137.5KVA	146.3KVA
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		

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APPENDIX: Certificate of Conformity

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Model	MAX 80KTL3-X2 LV	MAX 100KTL3-X2 LV	MAX 110KTL3-X2 LV
Max.PV voltage	1100Vdc		
PV voltage range	180V – 1000Vdc		
Max.input current	45A*8		
PV Isc	56.5A*8		
Number of strings per MPPT	2		
Nominal output voltage	3W/N/PE, 230/400Vac		
Nominal output Frequency	50Hz		
Max. output current	133.7A	167.1A	183.8A
Max. output power	80KW	100KW	110KW
Max. apparent power	88KVA	110KVA	121KVA
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		

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220180.

Model	MAX 120KTL3-X2 LV	MAX 125KTL3-X2 LV	MAX 133KTL3-X2 LV
Max.PV voltage	1100Vdc		
PV voltage range	180V – 1000Vdc		
Max.input current	45A*8		
PV Isc	56.5A*8		
Number of strings per MPPT	2		
Nominal output voltage	3W/N/PE, 230/400Vac		
Nominal output Frequency	50Hz		
Max. output current	200.5A	208.9A	222.3A
Max. output power	120KW	125KW	133KW
Max.apparent power	132KVA	137.5KVA	146.3KVA
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		

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220180.

List of installation components 1:

Type of appliance/ Installation.....: Three-Phase Smart meter / DIN-Rail
 Manufacturer / Distributor / Installer: Zhejiang CHINT Instrument&Meter Co., Ltd.
 Brand.....: CHINT
 Model/Type.....: DTSU666
 Rating.....: 230/400Vac, 0.05~1.5(6)A with CT (Trade mark: Acrel, model: AKH-0.66-K-30X20,Ratio 50:1),
 50/60Hz, 6400imp/KWh
 Power accuracy:1%
 IP54
 Firmware Version:V3.09

List of installation components 2:

Type of appliance/ Installation.....: Three-Phase Smart meter / DIN-Rail
 Manufacturer / Distributor / Installer: EASTRON
 Brand.....: EASTRON
 Model/Type.....: SDM630MCT V2
 Rating.....: 230/400Vac, 0.05~5(6)A with CT (Trade mark: Acrel, model: AKH-0.66-K-30X20,Ratio 50:1),
 50/60Hz, 3200imp/KWh
 Power accuracy:0.5%
 IP51
 Firmware Version:01.02.03

List of installation components 3:

Type of appliance/ Installation.....: Smart Meter / DIN-Rail
 Manufacturer / Distributor / Installer: Shenzhen Growatt New Energy Co., Ltd
 Brand.....: GROWATT
 Model/Type.....: TPM-CT-G
 Rating.....: 230/400Vac, CT: 250A/40mA (Trade mark: EChun, model: ESC24-250/φ24mm, Ratio 6250:1),
 50/60Hz, 300imp/KWh
 Power accuracy:1%
 IP20
 Firmware Version:ZO10

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