


Certificate of Conformity

Certificate Number: CN-PVES-240239

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:	PV Grid inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	MID 17KTL3-X2, MID 20KTL3-X2, MID 25KTL3-X2, MID 30KTL3-X2, MID 30KTL3-X2-1, MID 33KTL3-X2, MID 36KTL3-X2, MID 40KTL3-X2, MID 50KTL3-X2
Brand Name<s>:	GROWATT
Product Complies with:	TOR Erzeuger Typ A Version 1.2:18.04.2022 OVE-Richtlinie R 25:2020-03-01 Connection and parallel operation of power generation plants of type A and of small generation plants (maximum capacity <250 kW and nominal voltage <110 kV) In junction with OVE-Richtlinie R 25:2020-03-01
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>:	220908145GZU-008, 03 Jun 2024

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 04 June 2024



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240239

Model	MID 17KTL3-X2	MID 20KTL3-X2	MID 25KTL3-X2	MID 30KTL3-X2
Max. DC voltage	1100Vdc			
MPP voltage range	200-1000Vdc			
Full Load MPP voltage range	420-850Vdc		480-850Vdc	
No. of MPP trackers	2			
No. of PV strings per MPP trackers	2/2			2/3
Max. input current per MPP trackers [A]	32/32		32/36	32/48
Max. short-circuit current per MPP trackers [A]	40/40		40/45	40/60
AC rated power [kW]	17	20	25	30
Max. AC apparent power [kVA]	18.8	22.2	27.7	33.3
Rated AC voltage	3W/N/PE, 230V/400V			
AC grid frequency	50Hz			
Rated AC output current [A]	24.6	29.0	36.2	43.5
Max. output current [A]	28.6	33.6	42.0	50.5
Adjustable power factor	0.8Leading ...0.8Lagging			
Operating temperature range	-25°C ... +60°C (>45°C Derating)			
Protection degree	IP66			
Software Version	DM1.0			

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Model	MID 30KTL3-X2-1	MID 33KTL3-X2	MID 36KTL3-X2
Max. DC voltage	1100Vdc		
MPP voltage range	200-1000Vdc		
Full Load MPP voltage range	400-850Vdc		
No. of MPP trackers	3		
No. of PV strings per MPP trackers	2/2/2		
Max. input current per MPP trackers [A]	32/32/32		
Max. short-circuit current per MPP trackers [A]	40/40/40		
AC rated power [kW]	30	33	36
Max. AC apparent power [kVA]	30.0	36.6	40.0
Rated AC voltage	3W/N/PE, 230V/400V		
AC grid frequency	50Hz		
Rated AC output current [A]	43.5	47.8	52.2
Max. output current [A]	45.5	55.5	60.6
Adjustable power factor	0.8Leading ...0.8Lagging		
Operating temperature range	-25°C ... +60°C (>45°C Derating)		
Protection degree	IP66		
Software Version	DM1.0		

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Model	MID 40KTL3-X2	MID 50KTL3-X2
Max.DC voltage	1100Vdc	
MPP voltage range	200-1000Vdc	
Full Load MPP voltage range	450-850Vdc	
No. of MPP trackers	4	
No. of PV strings per MPP trackers	2/2/2/2	
Max. input current per MPP trackers [A]	32/32/32/32	
Max. short-circuit current per MPP trackers [A]	40/40/40/40	
AC rated power [KW]	40	50
Max. AC apparent power [KVA]	44.4	55.5
Rated AC voltage	3W/N/PE, 230V/400V	
AC grid frequency	50Hz	
Rated AC output current [A]	58.0	72.5
Max. output current [A]	67.3	84.1
Adjustable power factor	0.8Leading ...0.8Lagging	
Operating temperature range	-25°C ... +60°C (>45°C Derating)	
Protection degree	IP66	
Software Version	DM1.0	

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