

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 210623184GZU-VOC001

Ratings & Principle
Characteristics:

Model	iMars XG100KTR	iMars XG100KTR-F
Max.PV voltage	1100Vdc	
MPPT voltage range	180V – 1000Vdc	
Max.input current	26A*9	30A*9
PV Isc	40A*9	
Nominal output voltage	3/N/PE, 230/400Vac	
Nominal output Frequency	50/60Hz	
Max.output current	158.8A	
Rated output power	100KW	
Max.apparent power	110KVA	
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	V1.1	
Model	iMars XG110KTR	iMars XG110KTR-F
Max.PV voltage	1100Vdc	
MPPT voltage range	180V – 1000Vdc	
Max.input current	26A*10	30A*10
PV Isc	40A*10	
Nominal output voltage	3/N/PE, 230/400Vac	
Nominal output Frequency	50/60Hz	
Max.output current	174.6A	
Rated output power	110KW	
Max.apparent power	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	V1.1	



APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 210623184GZU-VOC001

Ratings & Principle
Characteristics:

Model	iMars XG136KTR-L	iMars XG136KTR-LF
Max.PV voltage	1100Vdc	
MPPT voltage range	180V - 1000Vdc	
Max.input current	26A*12	30A*12
PV Isc	40A*12	
Nominal output voltage	3/N/PE, 277/480Vac	
Nominal output Frequency	50/60Hz	
Max.output current	174.6A	
Rated output power	136KW	
Max.apparent power	150KVA	
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	V1.1	
Model	iMars XG136KTR-X	iMars XG136KTR-XF
Max.PV voltage	1100Vdc	
MPPT voltage range	180V - 1000Vdc	
Max.input current	26A*12	30A*12
PV Isc	40A*12	
Nominal output voltage	3/N/PE, 311/540Vac	
Nominal output Frequency	50/60Hz	
Max.output current	160.4A	
Rated output power	136KW	
Max.apparent power	150KVA	
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	V1.1	

Sky Zhu

Signature

Name: Sky Zhu

Position: Team Leader

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