

Compliance Document

No. D 118596 0002 Rev. 00

Holder of Certificate: **Growcol International Technology (Shenzhen) Co., Ltd.**
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PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
(Hybrid Inverter)**

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290233047101

Date, 2023-05-09



(Billy Qiu)

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Model(s): **GC 8KHB-210-T/EU, GC 10KHB-210-T/EU**

Parameters:

Model	GC 8KHB-210-T/EU	GC 10KHB-210-T/EU
PV input		
Max. DC input power	12 kW	15 kW
MPPT tracker number	3	
MPPT voltage range	70 – 540 Vd.c.	
MPPT voltage range (Full Load)	200 – 480 Vd.c.	
Max. DC input voltage	600 Vd.c.	
Isc PV per tracker	40/30/30 Ad.c.	
Battery input/output		
Nominal voltage	48 Vd.c.	
Max.charging/discharge current	210/180 Ad.c.	210/210 Ad.c.
Battery Voltage Range	40-64 Vd.c.	
Battery Type	Lithium	
AC output data (on-grid)		
Rated output Power	8 kW	10 kW
Max. apparent power output to grid	8.8 kVA	11 kVA
Output Voltage	230 Va.c.	
Output Frequency	50 Hz	
Nominal AC current output to grid	40 Aa.c.	50 Aa.c.
Max.AC current output to grid	40 Aa.c.	50 Aa.c.
Output power factor	0.9 inductive(under-excited) to 0.9 capacitive(over-excited)	

Remark: The installation of the product must meet the requirements of the local distribution system operator and be installed by a professional, devices in customer installations with a rated power > 4.6 kVA may be connected single-phase, provided that a balancing device ensures that the requirements of maximum permissible unbalance $\leq 4.6\text{kVA}$ and a registration with the grid operator has been made.

**Tested
according to:**

NRS 097-2-1:2017 Edition 2.1