



Product Service

Compliance Document

No. D 086470 0031 Rev. 00

Holder of Certificate: **Ningbo Ginlong Technologies 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. See also notes overleaf.

Test report no.: 704091623703-00

Date, 2018-07-24


(Zhengdong Ma)



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Model(s): RHI-3K-48ES, RHI-3.6K-48ES, RHI-4.6K-48ES

Parameters:

PV inputs:	
Max. input voltage:	d.c. 600V
MPP voltage range:	d.c. 90-520V
Max. input current:	d.c. 2x11A
Isc PV (absolute maximum):	d.c. 2x17.2A
Battery:	
Battery type:	Li-ion
Battery voltage range:	d.c. 42-58V
Max. charge/discharge current:	d.c. 62.5A/62.5A
AC output (back-up):	
Rated output voltage/frequency:	a.c. 230V/50Hz
Rated output current:	a.c. 13A
Rated output power:	d.c. 3000W
AC-output (grid side):	
Rated output voltage/frequency:	a.c. 230V/50Hz
Max. apparent output power:	3300VA (RHI-3K-48ES) 4000VA (RHI-3.6K-48ES) 4600VA (RHI-4.6K-48ES)
Max. output current:	a.c. 15.7A (RHI-3K-48ES) a.c. 17.3A (RHI-3.6K-48ES) a.c. 23A (RHI-4.6K-48ES)
Displacement factor:	-0.8...1...+0.8
AC-Input:	
Voltage range:	a.c. 180...270V
Current (maximum continuous):	23.9A
Frequency range:	47-52Hz / 57-62Hz
Protection class:	I
Degree of protection:	IP65
Overvoltage category:	II (DC), III (MAINS)
Ambient temperature:	-25°C...+60°C

Tested according to:

DIN VDE 0126-1-1(VDE V 0126-1-1):2013
DIN VDE V 0124-100(VDE V 0124-100):2012
VDE-AR-N 4105:2011

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