

Compliance Document

No. D 120820 0008 Rev. 00

Holder of Certificate: **Renac Power Technology Co., Ltd.**
Block C-12, No. 20 Datong Road, Comprehensive Bonded Zone
Suzhou Hi-Tech District
215004 Suzhou
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.: 64290233051801

Date, 2024-01-31



(Billy Qiu)

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Model(s): **N3-HB-50.0**

Parameters:

Model	N3-HB-50.0
PV input rating	
Input voltage range	350~1000 Vd.c.
Input voltage range (full load)	667~750 Vd.c.
Max. continuous input current	108 Ad.c. (36 Ad.c. per PV string)
Max. PV short circuit current	120 Ad.c. (40 Ad.c. per PV string)
Ma. input power	75 kW
Battery input/output rating	
Battery type	Lithium-ion
Rated voltage	512 Vd.c.
Battery voltage range	350~750 Vd.c.
Max. dis/charging power	55/55 kW
Max. dis/charging current	110/110 Ad.c. (55 Ad.c. per battery terminal)
Grid input/output rating	
Registered Capacity output active power	50 kW
Rated active power	50 kW
Max. active power	50 kW
Max. apparent power	55 kVA
Rated frequency	50 Hz
Rated voltage	230/400 Va.c.3/N/PE
Rated current	72 Aa.c.
Max. continuous current	80 Aa.c.
Power factor	0.95 inductive(under-excited) to 0.95 capacitive(over-excited)

Tested
according to:

G99/1-9:2022