




VERIFICATION OF COMPLIANCE Page: 1 of 2

No.: SHES190401495401PVC
Applicant: Renac Power Technology Co., Ltd.
 Building 6, No.2, West Jinzhi Road, High-Tech District, Suzhou
 City, Jiangsu Province, China
Manufacturer: Renac Power Technology Co., Ltd.
 Building 6, No.2, West Jinzhi Road, High-Tech District, Suzhou
 City, Jiangsu Province, China
Product Name: Hybrid Inverter
Product Description: PV System or Energy Storage System
Model No.: Refer to page 2
Trade Mark: 
Rating: Refer to page 2
Additional Information (if any): None

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: NRS 097-2-1: 2017 EDITION 2: GRID INTERCONNECTION OF
 EMBEDDED GENERATION PART 2: SMALL-SCALE
 EMBEDDED GENERATION SECTION 1: UTILITY INTERFACE

**as shown in the
 Test Report Number(s):** SHES190401495471

Van Hua
 E&E Safety Lab Technical Manager
 SGS-CSTC



2019-08-12

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Effective Date :2019-02-25

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VERIFICATION OF LVD COMPLIANCE

Attachment to Verification No. : SHES190401495401PVC

Model Number	ESC5000-DS	ESC3680-DS	ESC3000-DS
Max. input power	3000W/3000W	3000W/3000W	3000W/3000W
Max. input voltage	580Vd.c.		
Max. input current	15Ad.c./15Ad.c	12Ad.c./12Ad.c	12Ad.c./12Ad.c
MPPT voltage range	100-550Vd.c.		
Battery type	Lead-acid or lithium		
Battery voltage(V)	40 - 60Vdc		
Max.Charger and Discharger power(W)	3000VA	3000VA	3000VA
Rated grid voltage	230Vac		
Rated grid frequency	50Hz		
Rated output power	4600w	3680w	3000VA
Rated output current	21.7 Aa.c	16 Aa.c	13 Aa.c
Power factor	0.8 leading to 0.8 lagging		
Ambient temperature	-25°C~60°C		
Ingress protection	IP65	IP65	IP65
Protective class	Class I		

Van Hua
E&E Safety Lab Technical Manager
SGS-CSTC



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