


VERIFICATION OF COMPLIANCE

No.: LVD GZES2002011372PV
Applicant: REFU Elektronik GmbH.
Marktstrasse 185,72793 Pfullingen, Germany
Manufacturer: REFU Elektronik GmbH.
Marktstrasse 185,72793 Pfullingen, Germany
Product Description: Three phase Utility interactive inverter
Model No.: REFUsol 50K-3T, REFUsol 60K-3T, REFUsol 70K-3T
Trade Mark: 
Rating: Refer to page 2
Protection against Electric Shock: Class I
Degree of Protection: IP 65
Additional Information: -
Sufficient samples of the product have been tested and found to be in conformity with
Test Standard: EN 62109-1: 2010,
EN 62109-2: 2011

as shown in the

Test Report Number(s): GZES200201137201, GZES200201137202

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.



David 
Senior Technical Manager
SGS-CSTC



2020-03-10

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Other information added:

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Model Number	REFU _{sol} 50k-3T	REFU _{sol} 60k-3T	REFU _{sol} 70k-3T
Full load MPP DC voltage range	530-800Vd.c.		660-800Vd.c.
Max. input voltage	250-1000Vd.c.		
Max. input current	40Ad.c./30Ad.c./ 30Ad.c.	40Ad.c./40Ad.c./ 40Ad.c.	
Rated grid voltage	3P/N/PE 230/400Vac		3P/PE 480Vac
Rated grid frequency	50 Hz		
Rated output power	50KW	60KW	70KW
Rated output current	80Aa.c Max.	90Aa.c Max.	
Power factor	0.8 leading..0.8 lagging		

David G. [Signature]
 Senior Technical Manager
 SGS-CSTC



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