



**BUREAU
VERITAS**

Certificate of compliance

with the requirements of the standard Dubai Electricity & Water Authority

CERTIFICATION ORGANIZATION: Bureau Veritas Consumer Products Services Germany GmbH
Accreditation to DAkkS, D-ZE-12024-01-00, ref. to DIN EN ISO/IEC 17065
Valid Certification accreditation Data: 15-October-2020

STANDARD / GUIDE: **Dubai Electricity & Water Authority**
Standards for distributed renewable resources generators connected to the distribution network
Version 2.0 March 2016
Appendix D.3 Inverters for Low voltage connected RRGUs
Appendix D.4 Inverters for Medium voltage connected RRGUs
IEC 62116:2008
Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters
IEC 62109-1:2010
Safety of power converters for use in photovoltaic power systems - Part 1: General requirements
IEC 62109-2:2011
Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters

TYPE OF SYSTEM DECLARED:

INTERFACE DEVICE	PROTECION INTERFACE	STATIC ELECTRONIC INVERTER	ROTATING GENERATION MACHINE
		X	

MANUFACTURER: REFU Elektronik GmbH
Marktstraße 185
72793 Pfullingen
Germany

PRODUCT TYPE:	Photovoltaic Inverter					
MODEL:	REFUsoI 08K (867P008)	REFUsoI 10K (867P010)	REFUsoI 13K (867P013)	REFUsoI 17K (867P017)	REFUsoI 20K (867P020)	REFUsoI 23K (867P023)
NOMINAL POWER:	8,25kW	10,0kW	13,0kW	17,0kW	20,0kW	23,0kW

FIRMWARE VERSION: RFP_300_01-09-09-S or higher

PHASE NUMBER: Three-phase

NOTE:

The device is able to limit the Idc to 0.5% of the nominal current.

The device is for plants of each power.

The inverters of REFU Elektronik GmbH have a maximum apparent power limit. In the case where a system should be able to reach in every working condition a determined power factor, it is necessary to set the maximum active power in such a way, that you can reach at any time the cos-phi wanted.

LABORATORY THAT HAS DONE THE TESTING:

Bureau Veritas Consumer Products Services Germany GmbH
Accreditation to DAkkS, D-PL-12024-03-03, ref. to DIN EN ISO/IEC 17025
Valid Laboratory Accreditation Data: 11-JUNE-2019

After reviewing the ISO 9001 Manufacturer's No. 233825 QM08 UM, issued by DQS and after reviewing the Test-reports with No. 14TH0086-DEWA2016_0, 14TH0086-IEC62109-1_3, 14TH0086-IEC62109-2_2 and 14TH0086-IEC61727_2 issued by the laboratory Bureau Veritas Consumer Products Services Germany GmbH, the listed product(s) are conform with the requirements according to Dubai Electricity & Water Authority "Standards for distributed renewable resources generators connected to the distribution network" Version 2.0 March 2016, Appendix D.3 Inverters for Low voltage connected RRGUs, Appendix D.4 Inverters for Medium voltage connected RRGUs, IEC62116:2008, IEC 62109-1:2010 and IEC 62109-2:2011.

Certificate number: U17-0330

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Certification body

Holger Schaffer

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