



**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.4 Inverters for Medium voltage connected RRGUs
IEC 62116:2014
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 40K (840P040)	REFUsoI 46K (840P046)	
NOMINAL POWER:	40kW	46kW	

FIRMWARE VERSION: RFP_300-01-09-12-S; RFP_300-01-09-13-S

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 GmbH and after reviewing the Test-reports with No. 14TH0128-DEWA2016_0, 14TH0128-IEC62109-1_0, 14TH0128-IEC62109-2_0 and 14TH0128-IEC61727_1 issued by the laboratory Bureau Veritas Consumer Products Services Germany GmbH, the listed products 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.4 Inverters for Medium voltage connected RRGUs, IEC 62116:2014, IEC 62109-1:2010 and IEC 62109-2:2011.

Certificate number: U17-0494

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Certification body

Holger Schaffer

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