



**BUREAU
VERITAS**

Certificate

Manufacturer / applicant: REFU Elektronik GmbH
Marktstraße 185
72793 Pfullingen
Germany

Product type: Grid-tied photovoltaic
Model: REFUsol 40K (840P040)
REFUsol 46K (840P046)

Ratings:	REFUsol 40K (840P040)	REFUsol 46K (840P046)
MPP DC voltage range [V]:	490-850	575-850
Input DC voltage range [V]:	350-1000	350-1000
Input DC current [A]:	84	82
Output AC voltage [V]:	3x 400/50Hz	3x 460/50Hz
Output AC current [A]:	59	59
Output power [kVA]:	40	46

The certificate refers to the stated model(s) which passed the tests according to the applicable standard(s):

IEC 62109-1:2010, EN 62109-1:2010, DIN EN 62109-1:2011
Safety of power converters for use in photovoltaic power systems – Part 1: General requirements

IEC 62109-2:2011, EN 62109-2:2011, DIN EN 62109-2:2012
Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters

Report number: 14TH0128-IEC62109-1
14TH0128-IEC62109-2

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Certification body of Bureau Veritas Consumer Products Services Germany GmbH
Accredited according to DIN EN ISO / IEC 17065