



**BUREAU  
VERITAS**

# Certificate

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

**Product type:** Grid-tied photovoltaic inverter  
**Model:** 842P046  
842P040

Ratings:	842P046	842P040
MPP DC voltage range [V]:	575 - 850	490 - 850
Input DC voltage range [V]:	350 - 1000	
Input DC current [A]:	82,0	84,0
Output AC voltage [V]:	460 V 3 / N / PE	400 V 3 / N / PE
Output AC current [A]:	59,0	
Output power [VA]:	46000	40000

**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:** 16TH0364-IEC62109-1\_0  
16TH0364-IEC62109-2\_0

**Certificate number:** U17-0263

**Date of issue:** 2017-06-23



Certification body

Holger Schaffer

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

