



**BUREAU  
VERITAS**

# Certificate of compliance

**Applicant:** REFU Storage Systems GmbH  
Marktstraße 185  
72793 Pfullingen  
Germany

**Product:** Grid-tied battery inverter with connection box

**Model:** Battery Inverter: REFUstore 100K 421P100  
Battery Inverter: REFUstore 88K (420P088)  
Battery Inverter: REFUstore 50K (420P050, 421P050)  
Connection Box central: CBIC 100K (936Pxxx.xxxx)  
Connection Box decentral: CBID 100K (937Pxxx.xxxx)  
Battery Connection Box: CBBS 88K (940P300.0000)

Ratings:	REFUstor 100K 421P100	REFUstor 88K 420P088	REFUstor 50K 420P050, 421P050	--
Max DC voltage [V]:	1000	1000	1000	--
Input DC voltage range [V]:	280 - 900	280 - 900	280 - 900	--
Input DC current [A]:	155	155	155	--
Output AC voltage [V]:	180 – 460 / PE @ 50 / 60 Hz			--
Output AC current [A]:	128	128	128	--
Output power [kVA]:	Max. 100*	Max. 88	Max. 50	--

\*Note: At 400V grid voltage output power is 88 kVA

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

IEC 62477-1:2012

Safety requirements for power electronic converter systems and equipment – Part 1: General

The safety concept of an aforementioned representative product corresponds at the time of issue of this certificate to the valid safety specifications for the specified use in accordance with the applied rules and standards.

**Report number:** 18TH0270-IEC62477-1\_0 **Certification Program:** NSOP-0032-DEU-ZE-V01

**Certificate number:** U22-0033 **Date of issue:** 2022-03-21

**Certification body**

Thomas Lammel



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

A partial representation of the certificate requires the written approval of Bureau Veritas Consumer Products Services Germany GmbH