



Product Service

# CERTIFICATE

No. Z2 102864 0002 Rev. 00

**Holder of Certificate:** **Xi'an Siny Energy Power Co., Ltd**  
2/f, Phase II, Huatian Industrial Park  
No.38, Tuanjie South Road, High-tech Zone  
710054 Xi'an City, Shaanxi Province  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**



**Product:** **Converter  
(Power Conversion System)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:** 64290180472001

**Valid until:** 2024-06-25

**Date,** 2019-06-26

( Billy Qiu )



Product Service

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No. Z2 102864 0002 Rev. 00

**Model(s):** NESI-15KR2Q1P3L, NESI-15KR2Q2P3L, NESI-15KR2Q3P3L, NESI-15KR2H1P3L, NESI-15KR2H2P3L, NESI-15KR2H3P3L, NESI-15KR2Q1P3L+N, NESI-15KR2Q2P3L+N, NESI-15KR2Q3P3L+N, NESI-15KR2H1P3L+N, NESI-15KR2H2P3L+N, NESI-15KR2H3P3L+N, NESI-30KR2Q1P3L, NESI-30KR2Q2P3L, NESI-30KR2Q3P3L, NESI-30KR2H1P3L, NESI-30KR2H2P3L, NESI-30KR2H3P3L, NESI-30KR2Q1P3L+N, NESI-30KR2Q2P3L+N, NESI-30KR2Q3P3L+N, NESI-30KR2H1P3L+N, NESI-30KR2H2P3L+N, NESI-30KR2H3P3L+N

## Parameters:

Model:	NESI-15KR2Q1P3L NESI-15KR2Q2P3L NESI-15KR2Q3P3L NESI-15KR2H1P3L NESI-15KR2H2P3L NESI-15KR2H3P3L	NESI-15KR2Q1P3L+N NESI-15KR2Q2P3L+N NESI-15KR2Q3P3L+N NESI-15KR2H1P3L+N NESI-15KR2H2P3L+N NESI-15KR2H3P3L+N
Battery input/output terminal parameters:		
Battery type	Lead-acid, Lithium	
Rated voltage	500 Vd.c.	
Battery voltage range	200 ~ 900 Vd.c.	
Maximum charging power	15 kW	
Maximum charging current	75 Ad.c.	
Maximum discharging power	15 kW	
Maximum discharging current	75 Ad.c.	
AC input terminal parameters:		
Rated input voltage	3P+PE, 380 / 400 / 415 Va.c.	3P+N+PE, 380 / 400 / 415 Va.c.
Rated continuous input current	23 Aa.c.	
Maximum input current	23 Aa.c.	
Rated input frequency	50 / 60 Hz	
Maximum input active power	15 kW	
Maximum input apparent power	15 kVA	
AC output rating		
Rated output voltage	3P+PE, 380 / 400 / 415 Va.c.	3P+N+PE, 380 / 400 / 415 Va.c.
Maximum continuous output current	23 Aa.c.	
Rated output frequency	50 / 60 Hz	
Rated output active power	15 kW	
Rated output apparent power	15 kVA	
Maximum continuous output apparent power	15 kVA	
Power factor	0 to 1 (Capacitive or Inductive)	



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General	
Protection class	I
Ingress protection	IP20

Model:	NESI-30KR2Q1P3L NESI-30KR2Q2P3L NESI-30KR2Q3P3L NESI-30KR2H1P3L NESI-30KR2H2P3L NESI-30KR2H3P3L	NESI-30KR2Q1P3L+N NESI-30KR2Q2P3L+N NESI-30KR2Q3P3L+N NESI-30KR2H1P3L+N NESI-30KR2H2P3L+N NESI-30KR2H3P3L+N
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Battery input/output terminal parameters:	
Battery type	Lead-acid, Lithium
Rated voltage	500 Vd.c.
Battery voltage range	200 ~ 900 Vd.c.
Maximum charging power	30 kW
Maximum charging current	110 Ad.c.
Maximum discharging power	30 kW
Maximum discharging current	110 Ad.c.

AC input terminal parameters:		
Rated input voltage	3P+PE, 380 / 400 / 415 Va.c.	3P+N+PE, 380 / 400 / 415 Va.c.
Rated continuous input current	45.45 Aa.c.	
Maximum input current	45.45 Aa.c.	
Rated input frequency	50 / 60 Hz	
Maximum input active power	30 kW	
Maximum input apparent power	30 kVA	

AC output rating		
Rated output voltage	3P+PE, 380 / 400 / 415 Va.c.	3P+N+PE, 380 / 400 / 415 Va.c.
Maximum continuous output current	45.45 Aa.c.	
Rated output frequency	50 / 60 Hz	
Rated output active power	30 kW	
Rated output apparent power	30 kVA	
Maximum continuous output apparent power	30 kVA	
Power factor	0 to 1 (Capacitive or Inductive)	

General	
Protection class	I
Ingress protection	IP20

**Tested according to:** IEC 62477-1(ed.1)  
EN 62477-1:2012/A11:2014

**Production Facility(ies):** 004217

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