



Product Service

# CERTIFICATE

No. Z2 102864 0006 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.:** 64290180781201

**Valid until:** 2025-04-21

**Date,** 2020-04-22

  
( Billy Qiu )



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Model(s):

MASI-70KR1Q1P3L, MASI-70KR1H1P3L,  
MASI-70KR1Q2P3L, MASI-70KR1H2P3L

## Parameters:

|                                           |                                  |
|-------------------------------------------|----------------------------------|
| Battery input/output terminal parameters: |                                  |
| Battery type                              | Lead-acid, Lithium               |
| Rated voltage                             | 750 Vd.c.                        |
| Battery voltage range                     | 600 ~ 900 Vd.c.                  |
| Maximum charging power                    | 70 kW                            |
| Maximum charging current                  | 116 Ad.c                         |
| Rated discharging power                   | 70 kW                            |
| Maximum discharging current               | 116 Ad.c                         |
| AC input terminal parameters:             |                                  |
| Rated input voltage                       | 3P~ PE, 380 / 400 Va.c.          |
| Rated continuous input current            | 106 Aa.c                         |
| Maximum input current                     | 106 Aa.c                         |
| Rated input frequency                     | 50 Hz                            |
| Maximum input active power                | 70 kW                            |
| Maximum input apparent power              | 70 kVA                           |
| AC output rating:                         |                                  |
| Rated output voltage                      | 3P~ PE, 380 / 400 Va.c.          |
| Maximum continuous output current         | 106 Aa.c.                        |
| Rated output frequency                    | 50 Hz                            |
| Rated output active power                 | 70 kW                            |
| Rated output apparent power               | 70 kVA                           |
| Maximum continuous output apparent power  | 70 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