



Product Service

CERTIFICATE

No. B 090313 0012 Rev. 00

Holder of Certificate: **Autarco Group BV**

Schansoord 60
5469 SH Erp
THE NETHERLANDS

Certification Mark:



Product:

**Converter
PV Grid Tied Inverter**

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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 701261907801-00

Valid until: 2025-11-29

Date, 2021-01-25

(Zhengdong Ma)

CERTIFICATE

No. B 090313 0012 Rev. 00

Model(s):

S2.MX2500(S)-MII, S2.MX3000(S)-MII, S2.MX3600(S)-MII,
S2.MX4000(S)-MII, S2.MX4600(S)-MII, S2.MX5000(S)-MII,
S2.MX6000(S)-MII.

Parameters:

| Models | S2.MX2500(S)-MII | S2.MX3000(S)-MII | S2.MX3600(S)-MII | S2.MX4000(S)-MII |
|---------------------------------|------------------|------------------|------------------|------------------|
| PV input ratings: | | | | |
| Max. input voltage: | 550Vd.c. | 600Vd.c. | 600Vd.c. | 600Vd.c. |
| MPP voltage range: | 50-450Vd.c. | 90-520Vd.c. | 90-520Vd.c. | 90-520Vd.c. |
| Max. input current: | 2 x 11Ad.c. | 2 x 11Ad.c. | 2 x 11Ad.c. | 2 x 11Ad.c. |
| Isc PV (absolute maximum): | 2 x 17.2Ad.c. | 2 x 17.2Ad.c. | 2 x 17.2Ad.c. | 2 x 17.2Ad.c. |
| AC output ratings: | | | | |
| Rated grid voltage: | 220/230/240Va.c. | 220/230/240Va.c. | 220/230/240Va.c. | 220/230/240Va.c. |
| Rated grid frequency: | 50/60Hz | 50/60Hz | 50/60Hz | 50/60Hz |
| Rated output power: | 2500W | 3000W | 3600W | 4000W |
| Max. AC output active power: | 2800W | 3300W | 4000W | 4400W |
| Max. AC output apparent power: | 2800VA | 3300VA | 4000VA | 4400VA |
| Max. continuous output current: | 13.3Aa.c. | 15.7Aa.c. | 16Aa.c. | 21Aa.c. |

CERTIFICATE

No. B 090313 0012 Rev. 00

| Models | S2.MX4600(S)-MII | S2.MX5000(S)-MII | S2.MX6000(S)-MII |
|--|------------------------|----------------------|------------------|
| PV input ratings: | | | |
| Max. input voltage: | 600Vd.c. | 600Vd.c. | 600Vd.c. |
| MPP voltage range: | 90-520Vd.c. | 90-520Vd.c. | 90-520Vd.c. |
| Max. input current: | 2 x 11Ad.c. | 2 x 11Ad.c. | 2 x 11Ad.c. |
| Isc PV (absolute maximum): | 2 x 17.2Ad.c. | 2 x 17.2Ad.c. | 2 x 17.2Ad.c. |
| AC output ratings: | | | |
| Rated grid voltage: | 220/230/240Va.c. | 220/230/240Va.c. | 220/230/240Va.c. |
| Rated grid frequency: | 50/60Hz | 50/60Hz | 50/60Hz |
| Rated output power: | 4600W | 5000W | 6000W |
| Max. AC output active power: | 5000W | 5000W | 6000W |
| Max. AC output apparent power: | 5000VA | 5000VA | 6000VA |
| Max. continuous output current: | 23.8Aa.c. ^a | 25Aa.c. ^a | 27.3Aa.c. |
| Remark : letter 'a' means here is 21.7Aa.c.for AS/NZS 4777.2 in Australian/New Zealand market. | | | |

| General specifications: | |
|-----------------------------|--------------------|
| Adjustable cos(φ) | -0.8...1...+0.8 |
| Protection class | I |
| Degree of protection | IP65 |
| Overvoltage category | II(PV), III(MAINS) |
| Ambient temperature | -25°C ... +60°C |
| Inverter topology | Non-isolated |

Tested according to: EN 62109-1:2010
 EN 62109-2:2011
 IEC 62109-1(ed.1)
 IEC 62109-2(ed.1)

Production Facility(ies): 086470