



Product Service

CERTIFICATE

No. Z2 108394 0016 Rev. 00

Holder of Certificate: **Zigong Xingchuan Photoelectric Co., Ltd.**
No.19 East Ring Road, Bancang Industrial Park
Yantan District
643030 Zigong City
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Converter**
(PV grid-interactive 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.: 64290223093401

Valid until: 2026-04-27

Date, 2022-09-27

(Billy Qiu)

CERTIFICATE

No. Z2 108394 0016 Rev. 00

Model(s): Mercury 2000-S0, Mercury 3000-S0,
Mercury 3600-S0, Mercury 4000-S0,
Mercury 5000-S0, Mercury 6000-S0

Parameters:

Model:	Mercury 2000-S0	Mercury 3000-S0	Mercury 3600-S0
Maximum rated d.c. input voltage	600 Vd.c.	600 Vd.c.	600 Vd.c.
PV input MPPT operating voltage range	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.
Maximum operating PV input current	13 Ad.c.	13 Ad.c.	13 Ad.c.
Maximum total PV array s-c current	15 Ad.c.	15 Ad.c.	15 Ad.c.
a.c. output voltage range	230 Va.c.	230 Va.c.	230 Va.c.
Nominal a.c. output frequency	50/60 Hz	50/60 Hz	50/60 Hz
Maximum continuous a.c. output current	9,5 Aa.c.	14,3 Aa.c..	17,2 Aa.c.
Nominal output active power P _n	2 kW	3 kW	3.6 kW
Power factor	0,8 ind. ~ 0,8 cap.	0,8 ind. ~ 0,8 cap.	0,8 ind. ~ 0,8 cap.
Temperature range	-25~+60°C	-25~+60°C	-25~+60°C
Degree of protection	IP 65	IP 65	IP 65
Protection class	I	I	I

Model:	Mercury 4000-S0	Mercury 5000-S0	Mercury 6000-S0
Maximum rated d.c. input voltage	600 Vd.c.	600 Vd.c.	600 Vd.c.
PV input MPPT operating voltage range	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.
Maximum operating PV input current	13 × 2 Ad.c.	13 × 2 Ad.c.	13 × 2 Ad.c.
Maximum total PV array s-c current	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.
a.c. output voltage range	230 Va.c.	230 Va.c.	230 Va.c.
Nominal a.c. output frequency	50/60 Hz	50/60 Hz	50/60 Hz
Maximum continuous a.c. output current	19,1 Aa.c.	23,8 Aa.c.	28,6 Aa.c.
Nominal output active power P _n	4.0 kW	5.0 kW	6.0 kW
Power factor	0,8 ind. ~ 0,8 cap.	0,8 ind. ~ 0,8 cap.	0,8 ind. ~ 0,8 cap.
Temperature range	-25~+60°C	-25~+60°C	-25~+60°C
Degree of protection	IP 65	IP 65	IP 65
Protection class	I	I	I



CERTIFICATE

No. Z2 108394 0016 Rev. 00

**Tested
according to:**

IEC 62109-1:2010
EN 62109-1:2010
IEC 62109-2:2011
EN 62109-2:2011