

# Compliance Document

No. D 108394 0015 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

**Product:** **Converter**  
**(PV grid-interactive inverter)**

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290223093201

**Date,** 2022-09-20



( Billy Qiu )

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**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	Mercury 4000-S0	Mercury 5000-S0	Mercury 6000-S0
Maximum rated d.c. input voltage	600 Vd.c.	600 Vd.c.	600 Vd.c.	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.	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.	13 x2 Ad.c.	13 x2 Ad.c.	13 x2 Ad.c.
Maximum total PV array s-c current	15 Ad.c.	15 Ad.c.	15 Ad.c.	15 x 2 Ad.c.	15 x 2 Ad.c.	15 x 2 Ad.c.
a.c. output voltage range	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.
Nominal a.c. output frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Maximum continuous a.c. output current	9.5 Aa.c.	14.3 Aa.c.	17.2 Aa.c.	19.1 Aa.c.	23.8 Aa.c.	28,6 Aa.c.
Nominal output active power P <sub>n</sub>	2 kW	3 kW	3.6 kW	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.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0,8 ind. ~ 0,8 cap.

**Tested according to:**

UNE 217002:2020  
RD 1699:2011  
UNE 206007-1 IN:2013  
UNE 206006 IN:2011  
RD 661:2007  
RD 413:2014