



Product Service

# CERTIFICATE

No. Z2 108394 0018 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  
(Grid-Tied Solar 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290223093501

**Valid until:** 2027-05-10

**Date,** 2022-09-28

( Billy Qiu )

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No. Z2 108394 0018 Rev. 00

**Model(s):** **Apollo 17K-T0, Apollo 20K-T0, Apollo 22K-T0, Apollo 25K-T0, Apollo 28K-T0, Apollo 30K-T0**

## Parameters:

Model:	Apollo 17K-T0	Apollo 20K-T0	Apollo 22K-T0	Apollo 25K-T0	Apollo 28K-T0	Apollo 30K-T0
Maximum rated d.c. input voltage	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.
PV input operating voltage range	180 - 1000 Vd.c.	180 - 1000 Vd.c.	180 - 1000 Vd.c.	180 - 1000 Vd.c.	180 - 1000 Vd.c.	180 - 1000 Vd.c.
Maximum operating PV input current	27 × 2 Ad.c.	27 × 2 Ad.c.	27 × 2 Ad.c.	40,5 × 2 Ad.c.	40,5 × 2 Ad.c.	40,5 × 2 Ad.c.
Maximum total PV array s-c current	30 × 2 Ad.c.	30 × 2 Ad.c.	30 × 2 Ad.c.	45 × 2 Ad.c.	45 × 2 Ad.c.	45 × 2 Ad.c.
Rated a.c. output voltage	3/N/PE, 400/230 Va.c.	3/N/PE, 400/230 Va.c.	3/N/PE, 400/230 Va.c.	3/N/PE, 400/230 Va.c.	3/N/PE, 400/230 Va.c.	3/N/PE, 400/230 Va.c.
Nominal a.c. output frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Maximum continuous a.c. output current	28,3 Aa.c.	33,5 Aa.c.	35 Aa.c.	40 Aa.c.	45 Aa.c.	48 Aa.c.
Nominal output active power P <sub>n</sub>	17 kW	20 kW	22 kW	25 kW	28 kW	30 kW
Power factor	0,8 ind. - 0,8 cap.					
Protection class	I					
Ingress protection	IP65					
Temperature	-25°C ~ +60°C (derating at 45°C)					
Altitude	up to 4000 m					

**Tested according to:**

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