



Product Service

Attestation of Conformity

No. N8A 107662 0003 Rev. 01

Holder of Certificate: **Maitian Energy Co., Ltd.**
Room A203, Building C, No 205
Binghai Six Road
New Airport Industry Area, Longwan Distrit
325058 Wenzhou, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
PV Grid-tied Inverter

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092006501-01

Date, 2020-07-23

(Zhengdong Ma)

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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Model(s): E3000, E3600, E4600, E5000, E5300, E6000, F3000, F3600, F4600, F5000, E5300, F6000.

Parameters:

Absolute max. DC input voltage:	600Vd.c.
MPPT voltage range:	80-550Vd.c.
Nominal DC operating voltage:	360Vd.c.
Max. DC input current:	12.5/12.5A
Isc PV:	15/15A
Max. DC input power:	3900W(E3000, F3000) 4680W(E3600, F3600) 5980W(E4600, F4600) 6500W(E5000, F5000) 6890W(E5300, F5300) 7800W(E6000, F6000)
Nominal AC output voltage:	220/230/240Va.c.
Nominal frequency:	50Hz
Max. continuous output current:	14.3A(E3000, F3000) 17.2A(E3600, F3600) 22.0A(E4600, F4600) 23.9A(E5000, F5000) 25.3A(E5300, F5300) 26.1A(E6000, F6000)
Rated AC output apparent power:	3000VA(E3000, F3000) 3600VA(E3600, F3600) 4600VA(E4600, F4600) 5000VA(E5000, F5000) 5300VA(E5300, F5300) 6000VA(E6000, F6000)
Max. AC output apparent power:	3300VA(E3000, F3000) 3960VA(E3600, F3600) 5060VA(E4600, F4600) 5500VA(E5000, F5000) 5830VA(E5300, F5300) 6000VA(E6000, F6000)
Power factor:	1(±0.8 adjustable)
Operating temperature range:	-20°C...+60°C
Protective class:	Class I
Inverter topology:	Non-isolated
Ingress protection:	IP65
Overvoltage category:	II(PV), III(Mains)

Tested according to: EN 62109-1:2010
EN 62109-2:2011