



Product Service

# CERTIFICATE

No. Z2 099567 0048 Rev. 00

**Holder of Certificate:** AISWEI New Energy  
Technology (Jiangsu) Co., Ltd.  
No. 198 Xiangyang Road  
215011 Suzhou  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**



**Product:** Converter  
Grid-connected PV 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.:** 704092007403-00

**Valid until:** 2025-11-18

**Date,** 2020-11-19

( Zhengdong Ma )

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**Model(s):** ASW15K-LT, ASW20K-LT

## Parameters:

Max. input voltage:	d.c. 1000V
MPP voltage range:	d.c. 150-950V
Max. input current:	d.c. 2 x 24A(ASW20K-LT) d.c. 24A/12A(ASW15K-LT)
Isc PV(absolute maximum):	d.c. 2 x 36A(ASW20K-LT) d.c. 36A/18A(ASW15K-LT)
Rated grid voltage:	3/N/PE~ 380/400V
Rated grid frequency:	50/60Hz
Max. continuous output current:	a.c. 32A(ASW20K-LT) a.c. 25A(ASW15K-LT)
Rated AC output active power:	20kW(ASW20K-LT) 15kW(ASW15K-LT)
Max. AC output apparent power:	20kVA(ASW20K-LT) 15kVA(ASW15K-LT)
Adjustable cos( $\varphi$ ):	0,8ind...0,8cap
Operating temperature range:	-25°C...+60°C
Inverter topology	Non-isolated
Protective class:	I
Ingress protection:	IP65
Overvoltage category:	II(PV), III(Mains)

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

**Production Facility(ies):** 099678