



Product Service

# CERTIFICATE

No. Z2 099567 0056 Rev. 02

**Holder of Certificate:** **AISWEI Technology (Shanghai) Co., Ltd.**  
Room 905B,757 Mengzi Road  
Huangpu District  
200023 Shanghai  
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.:** 704092128701-02

**Valid until:** 2027-07-05

**Date,** 2022-07-07

( Zhengdong Ma )

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**Model(s):**

ASW30K-LT-G2, ASW33K-LT-G2, ASW36K-LT-G2,  
 ASW40K-LT-G2, ASW45K-LT-G2, ASW50K-LT-G2,  
 ASW40K-LT-G2 Pro, ASW45K-LT-G2 Pro, ASW50K-LT-G2 Pro

**Parameters:**

PV input port	
Max. input voltage:	d.c. 1100V
MPP voltage range:	d.c. 200...1000V
Max. input current:	d.c. 3 x 26A(ASW30K-LT-G2) d.c. 3 x 26A(ASW33K-LT-G2) d.c. 3 x 26A(ASW36K-LT-G2) d.c. 4 x 26A(ASW40K-LT-G2) d.c. 4 x 26A(ASW45K-LT-G2) d.c. 5 x 26A(ASW50K-LT-G2)
Isc PV(absolute maximum):	d.c. 3 x 40A(ASW30K-LT-G2) d.c. 3 x 40A(ASW33K-LT-G2) d.c. 3 x 40A(ASW36K-LT-G2) d.c. 4 x 40A(ASW40K-LT-G2) d.c. 4 x 40A(ASW45K-LT-G2) d.c. 5 x 40A(ASW50K-LT-G2)

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Grid output port	
Rated grid voltage:	3/N/PE~ 230/400V
Rated grid frequency:	50/60Hz
Max. continuous output current:	a.c. 3 x 50A(ASW30K-LT-G2) a.c. 3 x 55A(ASW33K-LT-G2) a.c. 3 x 60A(ASW36K-LT-G2) a.c. 3 x 66.7A(ASW40K-LT-G2) a.c. 3 x 75A(ASW45K-LT-G2) a.c. 3 x 80A(ASW50K-LT-G2)
Max. AC output active power:	30KW(ASW30K-LT-G2) 33KW(ASW33K-LT-G2) 36KW(ASW36K-LT-G2) 40KW(ASW40K-LT-G2) 45KW(ASW45K-LT-G2) 50KW(ASW50K-LT-G2)
Max. AC output apparent power:	30KVA(ASW30K-LT-G2) 33KVA(ASW33K-LT-G2) 36KVA(ASW36K-LT-G2) 40KVA(ASW40K-LT-G2) 45KVA(ASW45K-LT-G2) 50KVA(ASW50K-LT-G2)
Adjustable cos( $\varphi$ ):	0.8ind...0.8cap
General information	
Operating temperature range:	-25°C...+60°C
Inverter topology	Non-isolated
Protective class:	I
Ingress protection:	IP65
Overvoltage category:	II(PV), III(Mains)

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PV input port	
Max. input voltage:	d.c. 1100V
MPP voltage range:	d.c. 200...1000V
Max. input current:	d.c. 4 x 32A(ASW40K-LT-G2 Pro) d.c. 4 x 32A(ASW45K-LT-G2 Pro) d.c. 5 x 32A(ASW50K-LT-G2 Pro)
Isc PV(absolute maximum):	d.c. 4 x 48A(ASW40K-LT-G2 Pro) d.c. 4 x 48A(ASW45K-LT-G2 Pro) d.c. 5 x 48A(ASW50K-LT-G2 Pro)
Grid output port	
Rated grid voltage:	3/N/PE~ 230/400V
Rated grid frequency:	50/60Hz
Max. continuous output current:	a.c. 3 x 66.7A(ASW40K-LT-G2 Pro) a.c. 3 x 75A(ASW45K-LT-G2 Pro) a.c. 3 x 80A(ASW50K-LT-G2 Pro)
Rated AC output active power:	40KW(ASW40K-LT-G2 Pro) 45KW(ASW45K-LT-G2 Pro) 50KW(ASW50K-LT-G2 Pro)
Max. AC output apparent power:	44KVA*(ASW40K-LT-G2 Pro) 49.5KVA*(ASW45K-LT-G2 Pro) 55KVA*(ASW50K-LT-G2 Pro)
Adjustable cos( $\varphi$ ):	0.8ind...0.8cap
General information	
Operating temperature range:	-25°C...+60°C
Inverter topology	Non-isolated
Protective class:	I
Ingress protection:	IP65
Overvoltage category:	II(PV), III(Mains)
*For European market, Max. AC output apparent power is equal to rated AC output active power	

**Tested  
according to:**

IEC 62109-1(ed.1)  
EN 62109-1:2010  
IEC 62109-2(ed.1)  
EN 62109-2:2011