



**BUREAU  
VERITAS**

# CERTIFICATE OF COMPLIANCE

**Certificate Number** N°2366AB07BVKJ50946-N1  
**Product** Grid-connected hybrid Inverter  
**Model Number** Refer to report for details  
**Brand** Solplanet  
**Issue to** AISWEI Technology Co., Ltd.  
**Address** Room 905B, 757Mengzi Road, Huangpu District, Shanghai  
**Manufacturer** AISWEI Technology Co., Ltd.  
**Address** Room 905B, 757Mengzi Road, Huangpu District, Shanghai  
**Date(s) of tests** Mar.16 to Apr.01, 2023  
**Test by** LCIE China Company Ltd.

The test samples of product described above has been subject to series of our proving tests in according with:

<i>Standards</i>	<i>Report number</i>	<i>Report date</i>
IEC 62920:2017+A1:2021 IEC 61000-6-4:2018 IEC 61000-6-3:2020 IEC 61000-6-2:2016 IEC 61000-6-1:2016 CISPR 11:2015+A1:2016+A2:2019 IEC 61000-3-2:2018+A1:2020 IEC 61000-3-3:2013+A1:2017+A2:2021 IEC 61000-3-11:2017 IEC 61000-3-12:2011+A1:2021	BVKJ-ESH-P23020225B-1	04/07/2023

The values obtained from the proving tests and the general performance of test samples are found in compliance with the above Standards(s).

We hereby issue this Certificate of Compliance

The certificate applies to the test samples above mentioned only. It is only valid in connection with the test report mentioned above.

The responsibility for conformity of any product having the same designation with tested sample shall rest with the manufacturer.

Shanghai (P.R. China), Nov.20, 2023

Daniel SUN  
Operation Manager



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## Appendix I: Detail technical Information of products

Model		ASW05kH-T2	ASW06kH-T2	ASW08kH-T2	ASW10kH-T2	ASW12kH-T2
PV input	VMaxpv [Vdc]	1100				
	Iscpv [A]	30				
	MPP Voltage Range [Vdc]	150 - 950			200-950	
	Full Power MPP Voltage Range [Vdc]	250-850	290-850	350-850	380-850	450-850
	Max. Input Current [A]	20				
	Start PV Voltage [Vdc]	180				
	Back feed Current [A]	0				
	Overvoltage Category (OVC)	II				
Battery input	Battery voltage range[Vdc]	120 - 600				
	Max. charging / discharging power[kW]	5	6	8	10	12
	Battery voltage range@nominal power[Vdc]	200-600	210-600	270-600	340-600	400-600
	Max. charging current / Max. discharging current [A]	30				
	Battery type	LiFePO4				
AC output	Rated Output Voltage [Vac]	220 / 380 V,230 / 400 V,240 / 415 ,3L/N/PE				
	Rated Output Frequency [Hz]	50 / 60				
	Rated Output Power [kW]	5	6	8	10	12
	Max.Apparent Power [kVA]	5.5	6.6	8.8	11.0	13.2
	Rated Output Current [A](@400V)	7.3	8.7	11.6	14.5	17.4
	Max.Output Current [A](@400V)	8.0	9.6	12.8	16.0	19.2
	Power Factor (cosφ)	1.0 (default) , 0.80 lead , 0.80 lag				
	Overvoltage Category (OVC)	III				
AC input	Rated Input Voltage [Vac]	220 / 380 V,230 / 400 V,240 / 415 ,3L/N/PE				
	Rated Input Frequency [Hz]	50 / 60				
	Max. input power from grid [kW]	10	12	16	20	24
	Max. input current from grid[A]	14.5	17.4	23.2	29.0	34.8
EPS output	Nominal Output Voltage [Vac]	220 / 380 V,230 / 400 V,240 / 415 ,3L/N/PE				
	Nominal Output Frequency [Hz]	50 /60				
	Max. apparent power[kVA]	5	6	8	10	12
	Rated Current[A] (@400V)	7.3	8.7	11.6	14.5	17.4
SYSTEM	Protective Class	I				
	Enclosure Protection [IP]	IP66				
	Operating Temperature Range [°C]	-25 °C ... +60 °C				
	Pollution degree (PD)	PD 3				
	Max. operating altitude [m]	3000				
	Acoustic Noise [dB]	< 60				
	Weight [Kg]	24.5				
	Size (W / H / D) [mm]	545 / 465 / 205				
Firmware Version	Master DSP: 610-05001-00 Slave DSP: 610-60015-00 Safety: 610-11022-00					

1) For European market and Australian market, the max. apparent AC output power is equal to the rated power.



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Model	ASW05kH-T2-O	ASW06kH-T2-O	ASW08kH-T2-O	ASW10kH-T2-O	ASW12kH-T2-O		
PV input	VM <sub>Maxpv</sub> [Vdc]		1100				
	I <sub>scpv</sub> [A]		30				
	MPP Voltage Range [Vdc]		150 - 950		200-950		
	Full Power MPP Voltage Range [Vdc]		250-850	290-850	350-850	380-850	450-850
	Max. Input Current [A]		20				
	Start PV Voltage [Vdc]		180				
	Back feed Current [A]		0				
	Overvoltage Category (OVC)		II				
Battery input	Battery voltage range[Vdc]		120 - 600				
	Max. charging / discharging power[kW]		5	6	8	10	12
	Battery voltage range@nominal power[Vdc]		200-600	210-600	270-600	340-600	400-600
	Max. charging current / Max. discharging current [A]		30				
	Battery type		LiFePO4				
AC output	Rated Output Voltage [Vac]		220 / 380 V,230 / 400 V,240 / 415 ,3L/N/PE				
	Rated Output Frequency [Hz]		50 / 60				
	Rated Output Power [kW]		5	6	8	10	12
	Max.Apparent Power [kVA]		5.5	6.6	8.8	11.0	13.2
	Rated Output Current [A](@400V)		7.3	8.7	11.6	14.5	17.4
	Max.Output Current [A](@400V)		8.0	9.6	12.8	16.0	19.2
	Power Factor (cosφ)		1.0 (default), 0.80 lead, 0.80 lag				
	Overvoltage Category (OVC)		III				
AC input	Rated Input Voltage [Vac]		220 / 380 V,230 / 400 V,240 / 415 ,3L/N/PE				
	Rated Input Frequency [Hz]		50 / 60				
	Max. input power from grid [kW]		5	6	8	10	12
	Max. input current from grid[A]		7.3	8.7	11.6	14.5	17.4
SYSTEM	Protective Class		I				
	Enclosure Protection [IP]		IP66				
	Operating Temperature Range [°C]		-25 °C ... +60 °C				
	Pollution degree (PD)		PD 3				
	Max. operating altitude [m]		3000				
	Acoustic Noise [dB]		< 60				
	Weight [Kg]		24.5				
	Size (W / H / D) [mm]		545 / 465 / 205				
	Firmware Version		Master DSP: 610-05001-00 Slave DSP: 610-60015-00 Safety: 610-11022-00				

1) For European market and Australian market, the max. apparent AC output power is equal to the rated power.

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Model	ASW05kH-T3	ASW06kH-T3	ASW08kH-T3	ASW10kH-T3	ASW12kH-T3	
PV input	VMaxpv [Vdc]		1100			
	Iscpv [A]		24			
	MPP Voltage Range [Vdc]		150 - 950		200-950	
	Full Power MPP Voltage Range [Vdc]		180~850V	200~850V	250~850V	320~850V 380~850V
	Max. Input Current [A]		16			
	Start PV Voltage [Vdc]		180			
	Back feed Current [A]		0			
	Overvoltage Category (OVC)		II			
Battery input	Battery voltage range[Vdc]		120 - 600			
	Max. charging / discharging power[kW]		5	6	8	10 12
	Battery voltage range@nominal power[Vdc]		200-600	210-600	270-600	340-600 400-600
	Max. charging current / Max. discharging current [A]		30			
	Battery type		LiFePO4			
AC output	Rated Output Voltage [Vac]		220 / 380 V,230 / 400 V,240 / 415 ,3L/N/PE			
	Rated Output Frequency [Hz]		50 / 60			
	Rated Output Power [kW]		5	6	8	10 12
	Max.Apparent Power [kVA]		5.5	6.6	8.8	11.0 13.2
	Rated Output Current [A](@400V)		7.3	8.7	11.6	14.5 17.4
	Max.Output Current [A](@400V)		8.0	9.6	12.8	16.0 19.2
	Power Factor (cosφ)		1.0 (default), 0.80 lead, 0.80 lag			
	Overvoltage Category (OVC)		III			
AC input	Rated Input Voltage [Vac]		220 / 380 V,230 / 400 V,240 / 415 ,3L/N/PE			
	Rated Input Frequency [Hz]		50 / 60			
	Max. input power from grid [kW]		10	12	16	20 24
	Max. input current from grid[A]		14.5	17.4	23.2	29.0 34.8
EPS output	Nominal Output Voltage [Vac]		220 / 380 V,230 / 400 V,240 / 415 ,3L/N/PE			
	Nominal Output Frequency [Hz]		50 / 60			
	Max. apparent power[kVA]		5	6	8	10 12
	Rated Current[A] (@400V)		11.6	14.5	11.6	14.5 17.4
SYSTEM	Protective Class		I			
	Enclosure Protection [IP]		IP66			
	Operating Temperature Range [°C]		-25 °C ... +60 °C			
	Pollution degree (PD)		PD 3			
	Max. operating altitude [m]		3000			
	Acoustic Noise [dB]		< 60			
	Weight [Kg]		26			
	Size (W / H / D) [mm]		545 / 465 / 205			
Firmware Version		Master DSP: 610-05001-00 Slave DSP: 610-60015-00 Safety: 610-11022-00				

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Model		ASW05kH-T3-O	ASW06kH-T3-O	ASW08kH-T3-O	ASW10kH-T3-O	ASW12kH-T3-O
PV input	VMaxpv [Vdc]	1100				
	Iscpv [A]	24				
	MPP Voltage Range [Vdc]	150 - 950		200-950		
	Full Power MPP Voltage Range [Vdc]	180~850V	200~850V	250~850V	320~850V	380~850V
	Max. Input Current [A]	16				
	Start PV Voltage [Vdc]	180				
	Back feed Current [A]	0				
	Overvoltage Category (OVC)	II				
Battery input	Battery voltage range[Vdc]	120 - 600				
	Max. charging / discharging power[kW]	5	6	8	10	12
	Battery voltage range@nominal power[Vdc]	200-600	210-600	270-600	340-600	400-600
	Max. charging current / Max. discharging current [A]	30				
	Battery type	LiFePO4				
AC output	Rated Output Voltage [Vac]	220 / 380 V,230 / 400 V,240 / 415 ,3L/N/PE				
	Rated Output Frequency [Hz]	50 / 60				
	Rated Output Power [kW]	5	6	8	10	12
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