



**BUREAU  
VERITAS**

# ATTESTATION

## of conformity with European Directives

**BV LCIE CHINA Number** N°2366AB07BVKJ50946  
**Product** Grid-connected hybrid Inverter  
**Brand** Solplanet  
**Reference** Refer to model list  
**Issued 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  
**Technical characteristics** Refer to model list

The submitted sample of the above equipment has been tested for **CE** marking according to following European Directive and following standards:  
RE Directive 2014/53/EU\*

Standards	Report number	Report date
Article 3.1(a) Safety: --(*)	--	--
Article 3.1(a) Health: EN 50665:2017, EN IEC 62311:2020	BVKJ-ESH-P23020225B-4	04/07/2023
Article 3.1(b) EMC: EN 301 489-1 V2.2.3 (2019-11) EN 301 489-17 V3.2.4 (2020-09) EN 62920:2017+A11:2020, EN 62920:2017+A1:2021 EN 61000-6-1:2007, EN IEC 61000-6-1:2019 EN 61000-6-2:2005+AC:2005, EN IEC 61000-6-2:2019 EN 61000-6-3:2007+A1:2011+AC:2012, EN IEC 61000-6-3:2021 EN 61000-6-4:2007+A1:2011, EN IEC 61000-6-4:2019 EN 61000-2-2:2002+A1:2017, EN 61000-2-2:2002+A2:2019 EN 55011:2016+A1:2017, EN 55011:2016+A11:2020 EN 55011:2016+A2:2021 EN 61000-3-11:2000, EN IEC 61000-3-11:2019 EN 61000-3-12:2011 EN 61000-3-2:2014, EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A1:2019, EN 61000-3-3:2013+A2:2021, EN 61000-3-3:2013+A2:2021+AC:2022	BVKJ-ESH-P23020225B-2 BVKJ-ESH-P23020225B-1	04/07/2023 04/07/2023
Article 3.2 Radio: EN 300 328 V2.2.2 (2019-07)	BVKJ-ESH-P23020225B-3	04/07/2023

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(\*) The safety part was declared by Manufacturer.

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the specified European Directive

This verification does not imply assessment of the production of the product

The **CE** marking may be affixed if all relevant and effective European Directives with **CE** are applicable

**Shanghai (P.R. China), Jul.21, 2023**



*Daniel SUN*

**Operation Manager**

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**Model list:**

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	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]					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					

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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
	Nominal Output Voltage [Vac]		220 / 380 V,230 / 400 V,240 / 415 ,3L/N/PE			
EPS output	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
	Protective Class		I			
SYSTEM	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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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				
	Oversvoltage 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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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
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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				
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