

## **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:

Standards	Report number	Report date
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	BVKJ-ESH-P23020225B-1	04/07/2023
CISPR 11:2015+A1:2016+A2:2019	BVKJ-ESH-P23020223B-1	04/07/2023
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		

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





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## Appendix I: Detail technical Information of products

						1		
Moo	del	ASW05kH-T2	ASW06kH-T2	ASW08kH-T2	ASW10kH-T2	ASW12kH-T2		
	VMaxpv [Vdc]	1100						
	Iscpv [A]	30						
PV input	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)							
	Battery voltage range[Vdc]	120 - 600						
ŧ	Max. charging / discharging power[kW]	5	6	8	10	12		
Battery input	Battery voltage range@nominal power[Vdc]	200-600	210-600	270-600	340-600	400-600		
Batte	Max. charging current / Max. discharging current [A]	30						
	Battery type	LiFePO4						
	Rated Output Voltage [Vac]	220 / 380 V,230 / 400 V,240 / 415 ,3L/N/PE						
	Rated Output Frequency [Hz]			50 / 60				
Ħ	Rated Output Power [kW]	5	6	8	10	12		
output	Max.Apparent Power [kVA]	5.5	6.6	8.8	11.0	13.2		
ō	Rated Output Current [A](@400V)	7.3	8.7	11.6	14.5	17.4		
AC	Max.Output Current [A](@400V)	8.0	9.6	12.8	16.0	19.2		
	Power Factor (coso)	1.0 (default), 0.80 lead, 0.80 lag						
	Overvoltage Category (OVC)							
+	Rated Input Voltage [Vac]		220 / 380 V,2	30 / 400 V,240 /	415 ,3L/N/PE			
input	Rated Input Frequency [Hz]			50 / 60				
0	Max. input power from grid [kW]	10	12	16	20	24		
4	Max. input current from grid[A]	14.5	17.4	23.2	29.0	34.8		
nt	Nominal Output Voltage [Vac]		220 / 380 V,2	30 / 400 V,240 /	415 ,3L/N/PE	•		
output	Nominal Output Frequency [Hz]			50 /60				
S	Max. apparent power[kVA]	5	6	8	10	12		
EPS	Rated Current[A] (@400V)	7.3	8.7	11.6	14.5	17.4		
	Protective Class			I		•		
	Enclosure Protection [IP]	IP66						
	Operating Temperature Range [°C]	-25 °C +60 °C						
	Pollution degree (PD)	PD 3						
M	Max. operating altitude [m]	3000						
SYSTEM	Acoustic Noise [dB]	< 60						
SΥ	Weight [Kg]	24.5						
	Size (W / H / D) [mm]	545 / 465 / 205						
				r DSP: 610-050				
	Firmware Version	Slave DSP: 610-60015-00						
				fety: 610-11022				
	l ) For Francisco modent and Arratalian model	rket, the max, apparent AC output power is equal to the rated power.						

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

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lel	ASW05kH-T2-O	ASW06kH-T2-O	ASW08kH-T2-O	ASW10kH-T2-O	ASW12kH-T2-O			
			1100		1.0112.0112-0			
	150 -	950		200-950				
Full Power MPP Voltage	250-850	290-850	350-850	380-850	450-850			
š i i	20							
	180							
Back feed Current [A]	0							
	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							
		220 / 380 V,		15 ,3L/N/PE				
Rated Output Frequency [Hz]			50 / 60					
Rated Output Power [kW]	5	6	8	10	12			
	5.5	6.6	8.8	11.0	13.2			
[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 (def		).80 lag				
	220 / 380 V,230 / 400 V,240 / 415 ,3L/N/PE							
			50 / 60	<b>F</b>	1			
[kW]	5	6	8	10	12			
grid[A]	7.3	8.7	11.6	14.5	17.4			
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							
	Master DSP: 610-05001-00							
Firmware Version	Slave DSP: 610-60015-00 Safety: 610-11022-00							
	VMaxpv [Vdc]   Iscpv [A]   MPP Voltage Range [Vdc]   Full Power MPP Voltage   Range [Vdc]   Max. Input Current [A]   Start PV Voltage [Vdc]   Back feed Current [A]   Overvoltage Category (OVC)   Battery voltage range[Vdc]   Max. charging / discharging   power[kW]   Battery voltage   range@nominal power[Vdc]   Max. charging current / Max.   discharging current [A]   Battery type   Rated Output Voltage [Vac]   Rated Output Voltage [Vac]   Rated Output Voltage [Vac]   Rated Output Voltage [Vac]   Rated Output Power [kW]   Max.Apparent Power [kVA]   Rated Output Current   [A](@400V)   Max.Output Current   [A](@400V)   Power Factor (cosφ)   Overvoltage Category (OVC)   Rated Input Frequency [Hz]   Max. input current from   [A](@400V)   Max. input current from   [gid[A]   Protective Class   Enclosure Protection [IP]   Operating Temperature	VMaxpv [Vdc]   Iscpv [A]   MPP Voltage Range [Vdc] 150 -   Full Power MPP Voltage 250-850   Max. Input Current [A] Start PV Voltage [Vdc]   Back feed Current [A] Overvoltage Category (OVC)   Battery voltage range[Vdc] Max. charging / discharging power[kW]   Battery voltage range[Vdc] Max. charging current / Max. discharging current [A]   Battery voltage range[Vdc] Max. charging current [A]   Battery voltage range[Vdc] Rated Output Voltage [Vac]   Rated Output Voltage [Vac] Rated Output Voltage [Vac]   Rated Output Frequency [Hz] Start PV Quitterent [A]   Rated Output Voltage [Vac] S   Max.Apparent Power [kVA] 5.5   Rated Output Current [A] S.0   [A](@400V) 8.0   Power Factor (cosp) Overvoltage Category (OVC)   Rated Input Voltage [Vac] S   Max. input power from grid [kW] 5   Max. input current from grid [kW] 5   Max. input current from grid [kW] 5   Max. input power from grid [kW] 5   Max. input current from grid [A] 7.3   Protective Class	VMaxpv [Vdc]   Intervention     Iscpv [A]   Iscrevention     MPP Voltage Range [Vdc]   150 - 950     Full Power MPP Voltage Range [Vdc]   250-850   290-850     Max. Input Current [A]   Start PV Voltage [Vdc]   Iscrevention   Iscrevention     Back feed Current [A]   Overvoltage Category (OVC)   Iscrevention   Iscrevention     Battery voltage range[Vdc]   Max. charging / discharging power[Vdc]   200-600   210-600     Max. charging current /Max.   discharging current [A]   Iscrevention   Iscrevention     Battery voltage range[Vdc]   200-600   210-600   Iscrevention     Max. charging current [A]   Iscrevention   Iscrevention   Iscrevention     Battery type   Rated Output Voltage [Vac]   220 / 380 V,   Rated Output Frequency [Hz]   Iscrevention     Rated Output Current [A]   S.5   6.6   Iscrevention   Iscrevention     [A](@400V)   7.3   8.7   Max. Output Current [A]   Iscrevention   Iscrevention     Max. input power from grid [kW]   5   6   Iscrevention   Iscrevention   Iscrevention	VMaxpv [Vdc]   Interval of the set of t	VMaxpv [Vdc]   Interview of the second of the se			

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

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Mo	del	ASW05kH-T3	ASW06kH-T3	ASW08kH-T3	ASW10kH-T3	ASW12kH-T3		
	VMaxpv [Vdc]	/10//00/07/10	/10//00/01/10	1100	//0///0////0	710111210110		
	Iscpv [A]	24						
- L	MPP Voltage Range [Vdc]	150	- 950		200-950			
/ input	Full Power MPP Voltage Range [Vdc]	180~850V	200~850V	250~850V	320~850V	380~850V		
	Max. Input Current [A]	16						
P	Start PV Voltage [Vdc]	180						
	Back feed Current [A]	0						
	Overvoltage Category (OVC)	U						
	Battery voltage range[Vdc]	120 - 600						
	Max. charging / discharging							
bn	power[kW]	5	6	8	10	12		
Battery input	Battery voltage range@nominal	200-600	210-600	270-600	340-600	400-600		
tte	power[Vdc]							
B B	Max. charging current / Max.			30				
	discharging current [A] Battery type							
<u> </u>	Rated Output Voltage [Vac]		220 / 280 V 2	LiFePO4 30 / 400 V,240 /	415 31 /N/DE			
	Rated Output Frequency [Hz]		2207 300 V,2	<u>50 / 400 V,240 /</u> 50 / 60	415 ,JL/IN/PE			
ŧ	Rated Output Frequency [12]	5	6	8	10	12		
output	Max.Apparent Power [kVA]	5.5	6.6	0 8.8	11.0	13.2		
no l	Dated Output Current [A1/@4001/)	7.3	8.7	11.6	14.5	17.4		
AC	Max.Output Current [A](@400V)	8.0	9.6	12.8	14.5	19.2		
-	Power Factor (coso)	0.0		ult), 0.80 lead,		15.2		
	Overvoltage Category (OVC)		1.0 (dela		0.00 lag			
	Rated Input Voltage [Vac]		220 / 290 V 2	30 / 400 V,240 /	415 21 /N/DE			
input	Rated Input Frequency [Hz]		2207 300 V,2	50 / 60	415,JL/IN/FL			
<u> </u>	Max. input power from grid [kW]	10	12	16	20	24		
AC	Max. input power from grid [KV] Max. input current from grid[A]	14.5	17.4	23.2	29.0	34.8		
Ħ	Nominal Output Voltage [Vac]	14.5		30 / 400 V,240 /		34.0		
output	Nominal Output Frequency [Hz]		2207 300 4,2	50 /60	415,5E/M/I E			
ō	Max. apparent power[kVA]	5	6	8	10	12		
EPS	Rated Current[A] (@400V)	11.6	14.5	11.6	14.5	17.4		
	Protective Class							
	Enclosure Protection [IP]	IP66						
	Operating Temperature Range [°C]	-25 °C +60 °C						
	Pollution degree (PD)	PD 3						
STEM	Max. operating altitude [m]	3000						
ST	Acoustic Noise [dB]	< 60						
S	Weight [Kg]	26						
~́	Size (W / H / D) [mm]	545 / 465 / 205						
		Master DSP: 610-05001-00						
	Firmware Version	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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					- Th	1			
Mod		ASW05kH-T3-O	ASW06kH-T3-O	ASW08kH-T3-O	ASW10kH-T3-O	ASW12kH-T3-O			
	VMaxpv [Vdc]			1100					
	Iscpv [A]	24							
÷	MPP Voltage Range [Vdc]	150 -	- 950		200-950				
PV input	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)			I					
	Battery voltage range[Vdc]	120 - 600							
hut	Max. charging / discharging power[kW]	5	6	8	10	12			
Battery input	Battery voltage range@nominal power[Vdc]	200-600	210-600	270-600	340-600	400-600			
Bat	Max. charging current / Max. discharging current [A]	30							
	Battery type			LiFePO4					
	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			
put	Max.Apparent Power [kVA]	5.5	6.6	8.8	11.0	13.2			
AC output	Rated Output Current [A](@400V)	7.3	8.7	11.6	14.5	17.4			
A	Max.Output Current [A](@400V)	8.0	9.6	12.8	16.0	19.2			
	Power Factor (cosφ)		1.0 (det	fault),0.80 lead,	0.80 lag				
	Overvoltage Category (OVC)			III					
÷	Rated Input Voltage [Vac]	220 / 380 V,230 / 400 V,240 / 415 ,3L/N/PE							
input	Rated Input Frequency [Hz]			50 / 60					
AC ir	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			
	Protective Class	<u> </u>							
	Enclosure Protection [IP]	IP66							
	Operating Temperature Range [°C]	-25 °C +60 °C							
_	Pollution degree (PD)	PD 3							
TEN	Max. operating altitude [m]	3000							
SYSTEM	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							

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

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