ATTESTATION
of conformity with European Directives

BV LCIE CHINA Number	**N°2466AB09BVKJ56842**
Product	**Grid-connected hybrid Inverter**
Brand	**PVSTAR**
Reference	**Refer to report for details**
Issued to	**Chint PVSTAR Energy Solution B.V.**
Address	**Transformatorweg 38, 1014AK Amsterdam, the Netherlands**
Manufacturer	**Chint PVSTAR Energy Solution B.V.**
Address	**Transformatorweg 38, 1014AK Amsterdam, the Netherlands**
Technical characteristics	**Refer to report for details**

The submitted sample of the above equipment has been tested 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-P24082244B-4**	**09/05/2024**
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-P24082244B-2** **BVKJ-ESH-P24082244B-1**	**09/05/2024** **09/05/2024**
Article 3.2 Radio: **EN 300 328 V2.2.2 (2019-07)**	**BVKJ-ESH-P24082244B-3**	**09/05/2024**

This document shall not be reproduced, except in full, without the written approval of BV LCIE China. Information given in this document, are related to the tested specimen of the described electrical sample.

LCIE CHINA COMPANY LIMITED
Building 4, No. 518, Xin Zhuan Road, CaoHejing Songjiang High-Tech Park, Shanghai P.R.C (201612)
Tel: +86 21 6195 7000 Fax: +86 21 6195 7001
Eamil:BVLCIEMKT@bureauveritas.com

(*) 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

Shanghai (P.R. China), Sep.18, 2024

Daniel SUN

Operation Manager



This document shall not be reproduced, except in full, without the written approval of BV LCIE China. Information given in this document, are related to the tested specimen of the described electrical sample.

LCIE CHINA COMPANY LIMITED

Building 4, No. 518, Xin Zhuan Road, CaoHejing Songjiang High-Tech Park, Shanghai P.R.C (201612)

Tel: +86 21 6195 7000 Fax: +86 21 6195 7001

Eamil:BVLCIEMKT@bureauveritas.com

Appendix I: Detail technical Information of products

Model		PVS-AT5k-G2	PVS-AT6k-G2	PVS-AT8k-G2	PVS-AT10k-G2	PVS-AT12k-G2
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.

This document shall not be reproduced, except in full, without the written approval of BV LCIE China. Information given in this document, are related to the tested specimen of the described electrical sample.

LCIE CHINA COMPANY LIMITED
Building 4, No. 518, Xin Zhuan Road, CaoHejing Songjiang High-Tech Park, Shanghai P.R.C (201612)
Tel: +86 21 6195 7000 Fax: +86 21 6195 7001
Eamil:BVLCIEMKT@bureauveritas.com

Model		PVS-AT5k-G2 Pro	PVS-AT6k-G2 Pro	PVS-AT8k-G2 Pro	PVS-AT10k-G2 Pro	PVS-AT12k-G2 Pro
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				

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

This document shall not be reproduced, except in full, without the written approval of BV LCIE China. Information given in this document, are related to the tested specimen of the described electrical sample.

LCIE CHINA COMPANY LIMITED

Building 4, No. 518, Xin Zhuan Road, CaoHejing Songjiang High-Tech Park, Shanghai P.R.C (201612)

Tel: +86 21 6195 7000 Fax: +86 21 6195 7001

Eamil:BVLCIEMKT@bureauveritas.com