Certificate of Conformity (COC)

Certificate Holder	:	Chint PVSTAR Energy Solution B.V. Transformatorweg 38,1014AK Amsterdam, the Netherlands
Date of Original Issue	:	2024-10-05
Date of Last Revision	:	--
Date of Expiry	:	2027-10-04
Certificate Number	:	PCS-24-1144
Product	:	Hybrid Inverter
Ratings	:	See appendix on page 2
Brand/Trademark	:	PVSTAR
Model (s)	:	PVS-AS3k-G2, PVS-AS3.68k-G2, PVS-AS4k-G2, PVS-AS5k-G2, PVS-AS6k-G2
Test Laboratory	:	SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch
Testing Report	:	GZES240801692901
Test Standard	:	IEC 61727:2004

This is to certify that the product has been tested and was found to comply with the requirements of the standard(s).
The above-mentioned product is certified according to the requirements of ISO/IEC 17065:2012.

Christopher Hee
Certification Officer

SGS Testing & Control Services Singapore Pte Ltd
30 Boon Lay Way #03-01 Singapore 609957

Accredited Certification Body
SAC
PD-2016-15

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APPENDIX

Certificate Number: PCS-24-1144

Model	PVS-AS3k-G2	PVS-AS3.68k-G2	PVS-AS4k-G2	PVS-AS5k-G2	PVS-AS6k-G2
PV Input					
Max. PV array power (STC)	5500 Wp	6180 Wp	6500 Wp	7500 Wp	9000 Wp
Max. input voltage	550 V				
MPP voltage range / rated input voltage	40 V to 530 V / 380 V				
Max. input current	2*16 A				
Max. short-circuit current	2*20 A				
Battery Input					
Nominal battery voltage	48 V				
Battery voltage range	40 V to 60 V				
Max. charging / discharging power	5000 W / 5000 W				
Max. charging current / Max. discharging current	100 A / 100 A				
Battery type	LiFePO4				
AC Output					
Rated AC voltage	230 V				
Rated AC grid frequency	50Hz / 60 Hz				
Rated active power	3000 W	3680 W	4000 W	5000 W	6000 W
Rated apparent power	3000 VA	3680 VA	4000 VA	5000 VA	6000 VA
Max. apparent power	3000 VA	3680 VA	4000 VA	5000 VA	6000 VA
Rated grid output Current (@230V)	13.1 A	16 A	17.4 A	21.7 A	26.1 A
Max. grid output current	13.6 A	16 A	18.2 A	22.7 A	27.3 A
General data					
Power factor range	0.8 leading to 0.8 lagging				
Operating temperature range	-25 °C ... +60 °C				
Cooling concept	Natural Convection				
Degree of protection	IP66				

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