

Certificate of Conformity

Certificate Number: CN-PV-230084

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	INTELLIGENT CHARGING SYSTEMS 10 SANDERSONS WAY, BLACKPOOL, LANCASHIRE, FY4 4NB, UNITED KINGDOM
Product:	Hybrid Solar Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	ICSESSH4K, ICSESSH5K, ICSESSH6K
Brand Name<s>:	
Product Complies with:	G99 Issue 1 Amendment 9, 03 October 2022 Requirements for the connection of generation equipment in parallel with public distribution networks
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	230220054GZU-002

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 13 March 2023



PRD N° 306B

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230084

MODEL	ICSESSH4K	ICSESSH5K	ICSESSH6K
Max.DC input voltage	550Vdc		
MPPT voltage range	125~500Vdc		
Max.PV Isc	17.5A*2		
Rated battery voltage	40-58V		
Max.charging current	95A		
Max.discharging current	83.3A	104.2A	110A
Rated grid voltage	230V,50/60Hz		
Rated output voltage	230V,50/60Hz		
Nominal output current	17.4A	21.7A	26A
Power Factor	0.99 Leading – 0.99 lagging		
Nominal output power	4000W	5000W	6000W
Backup rated current	17.4A	21.7A	26A
Backup rated apparent power	4KVA	5KVA	6KVA
Ambient Temperature	-25~ +60°C		
Protection Degree	IP65		
Protection Class	Class I		
Inverter topology	Non-Isolated		
Overvoltage Category	AC III, DC II		
safety firmware version:	V1.0		

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