


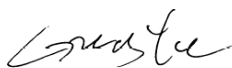
Certificate of Conformity

Certificate Number: CN-PV-220151

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:	Shenzhen SOFARSOLAR Co., Ltd 11/F., Gaoxinqi Technology Building, No.67 Area, Xingdong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, China
Product:	Inverter Module
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	ESI 3K-S1, ESI 3.68K-S1, ESI 4K-S1, ESI 4.6K-S1, ESI 5K-S1, ESI 5K-S1-A, ESI 6K-S1
Brand Name<s>:	
Product Complies with:	UTE C 15-712-1:2013 DIN V VDE V 0126-1-1:2013 Enedis-PRO-RES_10E version 5 Compliant with VFR 2019
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>:	220511060GZU-003, 220511060GZU-004

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 25 July 2022



PRD N° 306B

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220151.


MODEL	ESI 3K-S1	ESI 3.68K-S1	ESI 4K-S1	ESI 4.6K-S1
Max.DC input voltage	550Vdc			
MPPT voltage range	85~520Vdc			
Max.PV Isc	2*22.5A			
Rated battery voltage	400V			
Max.charging/discharging current	20A			
Max.charging/discharging power	3000W	3680W	4000W	4600W
Rated grid voltage	230V,50Hz			
Rated output voltage	230V,50/60Hz			
Max.output current	15A	16A	20A	20.9A
Power Factor	1 default (adjustable+/-0.8)			
Rated output power	3000W	3680W	4000W	4600W
Backup Rated Current	13A	16A	17.4A	20A
Backup Rated Apparent Power	3000VA	3680VA	4000VA	4600VA
Ambient Temperature	-10~ +50°C			
Protection Degree	IP65			
Protection Class	Class I			
Inverter topology	Non-Isolated			
Overvoltage Category	AC III, DC II			
Firmware version:	V000001			
MODEL	ESI 5K-S1	ESI 5K-S1-A	ESI 6K-S1	
Max.DC input voltage	550Vdc			
MPPT voltage range	85~520Vdc			
Max.PV Isc	2*22.5A			
Rated battery voltage	400V			
Max.charging/discharging current	20A			
Max.charging/discharging power	5000W	5000W	6000W	
Rated grid voltage	230V,50Hz			
Rated output voltage	230V,50/60Hz			
Max.output current	25A	22.7A	30A	
Power Factor	1 default (adjustable+/-0.8)			
Rated output power	5000W	5000W	6000W	
Backup Rated Current	21.7A	22.7A	26A	
Backup Rated Apparent Power	5000VA	5000VA	6000VA	
Ambient Temperature	-10~ +50°C			
Protection Degree	IP65			
Protection Class	Class I			
Inverter topology	Non-Isolated			
Overvoltage Category	AC III, DC II			
Firmware version:	V000001			

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Vérification de la Conformité

Numéro de vérification: CN-PV-220151

L'échantillon représentatif <s> des produits mentionnés dessus correspond aux exigences de sécurité technique en vigueur à la date d'émission de ce Vérification pour l'usage spécifié et conformément à la réglementation. Cela n'implique pas qu'Intertek ait effectué une surveillance ou un contrôle du ou des fabricants. Le fabricant doit s'assurer que les procédés de fabrication garantissent que l'unité de production est conforme aux produits de contrôle mentionnés dans cette certification.

Demandeur :	Shenzhen SOFARSOLAR Co., Ltd 11/F., Gaoxinqi bâtiment de technologie, zone No.67, Xingdong Communauté, Xin'an Sub-district, Bao'an District, Shenzhen, China
Produit:	Module onduleur
Principe puissance et Caractéristiques:	Voir annex de Vérification de la Conformité
Modèle :	ESI 3K-S1, ESI 3.68K-S1, ESI 4K-S1, ESI 4.6K-S1, ESI 5K-S1, ESI 5K-S1-A, ESI 6K-S1
Marque Commerciale:	
Normes applicables :	UTE C 15-712-1:2013 DIN V VDE V 0126-1-1:2013 Enedis-PRO-RES_10E version 5 Conforme à VFR 2019
Bureau de Vérification et de délivrance:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Rue Zhangyang China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accrédité par ACCREDIA conformément à ISO/IEC 17065:2012
Numéro de rapport :	220511060GZU-003, 220511060GZU-004

Informations complémentaires en annexe.



Signature

Responsable Certification: Grady Ye
Date: 25 Juillet 2022



PRD N° 306B

Annexe: Vérification de la Conformité

C'est une annexe au Certificat de la Conformité Numéro : CN-PV-220151.

MODÈLE	ESI 3K-S1	ESI 3.68K-S1	ESI 4K-S1	ESI 4.6K-S1
Tension d'entrée Max.DC	550Vdc			
Plage de tension MPPT	85~520Vdc			
Max.PV Isc	2*22.5A			
Tension nominale de la batterie	400V			
Courant de charge/décharge Max.	20A			
Puissance de charge/décharge max.	3000W	3680W	4000W	4600W
Tension nominale du réseau	230V,50Hz			
Tension de sortie nominale	230V,50/60Hz			
Courant de sortie Max.	15A	16A	20A	20.9A
Facteur de puissance	1 default (ajustable+/-0.8)			
Puissance de sortie nominale	3000W	3680W	4000W	4600W
Courant Nominal de Secours	13A	16A	17.4A	20A
Puissance Apparente Nominale de Secours	3000VA	3680VA	4000VA	4600VA
Température Ambiante	-10~ +50°C			
Degré de Protection	IP65			
Classe de Protection	Classe I			
Topologie de l'onduleur	Non-Isolant			
Catégorie de surtension	AC III, DC II			
Version du firmware:	V000001			
MODÈLE	ESI 5K-S1	ESI 5K-S1-A	ESI 6K-S1	
Tension d'entrée Max.DC	550Vdc			
Plage de tension MPPT	85~520Vdc			
Max.PV Isc	2*22.5A			
Tension nominale de la batterie	400V			
Courant de charge/décharge Max.	20A			
Puissance de charge/décharge max.	5000W	5000W	6000W	
Tension nominale du réseau	230V,50Hz			
Tension de sortie nominale	230V,50/60Hz			
Courant de sortie Max.	25A	22.7A	30A	
Facteur de puissance	1 default (ajustable+/-0.8)			
Puissance de sortie nominale	5000W	5000W	6000W	
Courant Nominal de Secours	21.7A	22.7A	26A	
Puissance Apparente Nominale de Secours	5000VA	5000VA	6000VA	
Température Ambiante	-10~ +50°C			
Degré de Protection	IP65			
Classe de Protection	Classe I			
Topologie de l'onduleur	Non-Isolant			
Catégorie de surtension	AC III, DC II			
Version du firmware:	V000001			

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