

Certificate of Conformity

Registrato n.:
Registered No.:

COCPVP11058/21E-03

File di riferimento
File reference

PVP11058/21E-05

Rapporto di prova n.
Test report No.

TRPVP11058/21E/05

Data di rilascio
Date of issue

2022-04-27

Sulla base delle prove effettuate, i campioni del/i prodotto/i sotto riportato/i sono risultati conformi ai requisiti essenziali delle specifiche di riferimento al momento dell'effettuazione delle prove:
On the basis of the tests undertaken, the samples of the below product(s) have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out:

Richiedente: **GoodWe Technologies Co., Ltd.**
Applicant: No.90 ZiJin Rd., New District, Suzhou, 215011, China.

Costruttore: **GoodWe Technologies Co., Ltd.**
Manufacturer: No.90 ZiJin Rd., New District, Suzhou, 215011, China.

Fabbrica 1: **GoodWe Technologies Co., Ltd.**
Factory 1: No.90 ZiJin Rd., New District, Suzhou, 215011, China.

Fabbrica 2: **GoodWe (GuangDe) Power Supply Technology Co., Ltd.**
Factory 2: No.208, Tong Rui East Road, Guangde, Anhui, China

Prodotto: Grid-Tied PV Inverter
Product:

Designazione del tipo: GEP50-10, GEP60-10
Type designation: GW50KS-MT, GW60KS-MT

Tipologia di Apparato: Dispositivo di interfaccia / *Interface device*
Type of equipment: Protezione di interfaccia / *Interface protection*
 Dispositivo di conversione static / *Static conversion device*
 Dispositivo di generazione rotante / *Rotary generation device*
Remark: The device is for plants of greater than 11.08kVA.

Fondamenti di certificazione: BOS-P-01 Rev. 00
Certification fundamental(s):

Standard:	CEI 0-21:2019-04 “Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica”
Standard(s):	<i>CEI 0-21:2019-04 “Reference technical rules for the connection of active and passive users to the LV electrical Utilities”</i> Vedere il rapporto di prova per informazioni dettagliate. <i>See test report for detailed information.</i>
Organismo di certificazione:	TÜV NORD (HANGZHOU) CO., LTD.
Certification body:	Room B409, Building 1, No 9 Jiujuan Road, Shangcheng District, Hangzhou, Zhejiang Province, 310019, China Accredited by CNAS according to ISO/IEC 17065:2012, certificate no. CNAS C183-P.
Laboratorio di prova:	Dongguan BALUN Testing Technology Co., Ltd.
Testing laboratory:	Room 104/204/205, Building 1, No. 6, Industrial South Road, Songshan Lake District, Dongguan, Guangdong, China Accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L14701
Conclusion:	Dopo aver verificato i seguenti documenti, si conclude che il prodotto è conforme ai requisiti della CEI 0-21:2019-04.
Conclusion:	<i>After verifying following documents, it is concluded that the product is in compliance with the requirements of CEI 0-21:2019-04.</i> <input checked="" type="checkbox"/> ISO 9001 certificate: Certificate no. CN12/20507, issued by SGS United Kingdom Ltd. Certificate no. 00119Q310021R0M/3200, issued by CHINA QUALITY CERTIFICATION CENTER. <input checked="" type="checkbox"/> Test report of CEI 0-21:2019-04: Report no. BL-DG2220330-B01, issued by Dongguan BALUN Testing Technology Co., Ltd., accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L14701 <input checked="" type="checkbox"/> Test report of EMC: Report no. (2021)GJSXW-WT1091&(2021)GJSXW-WT1082, issued by National Quality Supervision and Testing Center for Information Network Products (JiangSu) accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L1000. Report no. ACWE-E2011001&ACWE-E2011002A, issued by Audix

Technology (Wujiang) Co., Ltd. EMC Dept, accredited by NVLAP
according to ISO/IEC 17025:2017, certificate no. 200786-0.

Questo documento si basa sulla valutazione dei campioni dei prodotti sopra menzionati. Non implica una valutazione della produzione in serie del prodotto o dei prodotti e non consente l'uso di un marchio TÜV NORD. Il titolare di questo documento può utilizzarlo in relazione ai relativi rapporti di prova.

This document is based on the evaluation of the samples of the above mentioned product(s). It does not imply an assessment of the mass-production of the product(s), and it does not permit the use of a TÜV NORD mark. The holder of this document may use it in connection with the related test report(s).

Description of product(s):

Model types:	GEP50-10 GW50KS-MT	GEP60-10 GW60KS-MT
General information:		
Firmware:	V1.02.02.12	
PV input:		
Vmax PV [V d.c.]:	1100	
Mpp voltage range [V d.c.]:	200 - 950	
Isc PV [A d.c.]:	37.5*5	37.5*6
Max. input current [A d.c.]:	30*5	30*6
Overvoltage category (OVC):	II	
AC output (Grid Side) parameters:		
Rated output voltage [V a.c.]:	3L/N/PE or 3L/PE~ 400V	
Rated output frequency [Hz]:	50/60	
Rated output power [W]:	50	60
Max. apparent power [VA]:	55	66
Max. output current [A a.c.]:	80	96
Power factor $\cos\phi$ [λ]:	Default >0.99, 0.8cap...0.8ind	
Overvoltage category (OVC):	III	