



Product Service

# Attestation of Conformity

No. N8A 072237 0118 Rev. 00

**Holder of Certificate:** **Shenzhen INVT Electric Co., Ltd.**  
INVT Guangming Technology Building, Songbai Road  
Matian, Guangming District  
518106 Shenzhen  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Electronic frequency converter  
(Frequency Inverter)**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64105203041403

**Date,** 2021-03-29

( Frank Zhu )

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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**Model(s):** **GD300-01A-018G-4-E, GD300-01A-022G-4-E, GD300-01A-030G-4-E, GD300-01A-037G-4-E, GD300-01A-045G-4-E, GD300-01A-055G-4-E, GD300-01A-075G-4-E, GD300-01A-090G-4-E, GD300-01A-110G-4-E**

## Parameters:

Rated Input : See below table for details  
 Rated Output : See below table for details  
 Protection Class : I  
 Construction : Built-in  
 Installation : BDM

## Remark:

- When installing the equipment, all requirements of the mentioned standard must be fulfilled and it should be suitably installed in closed electrical operation area, and fire/mechnical protection enclosure shall be provided.
- The maximum operating temperature is 40°C
- The input and output circuits were considered as DVC C circuits and signal circuit was considered as DVC A circuit.
- TN-S, TN-C, TN-C-S, TT (not corner earthed) power systems were evaluated.
- The equipment has no overcurrent protective device. For safety operation, a suitable external circuit breaker must be employed before installation.

Model No.	Rated Input	Rated output*	Size
GD300-01A-018G-4-E	AC 3PH, 380V(-15%)-440V(+10%), 37A, 47-63Hz	AC 3PH, 0V-Uinput, 38A, 0-400Hz, 18.5kW	Size F: 200 x 340.5 x 184.5 mm Weight: Max. 10.4 kg
GD300-01A-022G-4-E	AC 3PH, 380V(-15%)-440V(+10%), 44A, 47-63Hz	AC 3PH, 0V-Uinput, 45A, 0-400Hz, 22kW	
GD300-01A-030G-4-E	AC 3PH, 380V(-15%)-440V(+10%), 58A, 47-63Hz	AC 3PH, 0V-Uinput, 60A, 0-400Hz, 30kW	Size G: 250 x 400 x 202 mm Weight: Max. 16 kg
GD300-01A-037G-4-E	AC 3PH, 380V(-15%)-440V(+10%), 72A, 47-63Hz	AC 3PH, 0V-Uinput, 75A, 0-400Hz, 37kW	
GD300-01A-045G-4-E	AC 3PH, 380V(-15%)-440V(+10%), 87A, 47-63Hz	AC 3PH, 0V-Uinput, 92A, 0-400Hz, 45kW	Size H: 282 x 560 x 238 mm Weight: Max. 23.1 kg
GD300-01A-055G-4-E	AC 3PH, 380V(-15%)-440V(+10%), 106A, 47-63Hz	AC 3PH, 0V-Uinput, 115A, 0-400Hz, 55W	
GD300-01A-075G-4-E	AC 3PH, 380V(-15%)-440V(+10%), 140A, 47-63Hz	AC 3PH, 0V-Uinput, 150A, 0-400Hz, 75kW	Size I: 338 x 554 x 337 mm Weight: Max. 46.5 kg
GD300-01A-090G-4-E	AC 3PH, 380V(-15%)-440V(+10%), 170A, 47-63Hz	AC 3PH, 0V-Uinput, 180A, 0-400Hz, 90kW	
GD300-01A-110G-4-E	AC 3PH, 380V(-15%)-440V(+10%), 202A, 47-63Hz	AC 3PH, 0V-Uinput, 215A, 0-400Hz, 110kW	

Remark: Uinput - Rated Input Voltage



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**Tested  
according to:**

EN 61800-5-1:2007/A1:2017

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