TÜVNORD

ZERTIFIKAT
CERTIFICATE

Hiermit wird bescheinigt, dass die Firma / *This certifies that the company*

Shenzhen INVT Electric Co., Ltd.
INVT Guangming Technology Building, Kejie Fourth Road, Shutianpu, Matian, Guangming District, Shenzhen, Guangdong, PEOPLE'S REPUBLIC OF CHINA

berechtigt ist, das unten genannte Produkt mit dem abgebildeten Zeichen zu kennzeichnen
is authorized to provide the product mentioned below with the mark as illustrated

Fertigungsstätte
Manufacturing plant address

INVT POWER ELECTRONICS (SUZHOU) CO., LTD.
No.1, KunLunShan Road, Suzhou Science & Technology Tower, Hi-Tech Area, 215153 Suzhou City, Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA

TÜVNORD
TÜV NORD CERT GmbH
Baumuster geprüft
tuev-nord.de

Beschreibung des Produktes
(Details s. Anlage 1)
Description of product
(Details see Annex 1)

Frequency Converter
GD27 series

Geprüft nach
Tested in accordance with

EN 61800-5-1:2007 + A11:2021

Registrier-Nr. / *Registered No. 44 780 25 406748 - 018*
Prüfbericht Nr. / *Test Report No. TRIND-CUC-C2504002-03/01*
Aktenzeichen / *File reference IND-CUC-C2504002-03*

Gültigkeit / *Validity*
von / *from* 28-09-2025
bis / *until* 27-09-2030

TÜV NORD CERT GmbH
Zertifizierungsstelle Konsumgüter

Essen, 2025-09-28

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Bitte beachten Sie auch die Hinweise im Anhang
Please also pay attention to the information of the annex

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ANLAGE
ANNEX

zum Zertifikat Registrier-Nr. / ***to Certificate Registration No. 44 780 25 406748 - 018***

Model	GD27 series
Rated input voltage:	See product list
Rated input frequency	See product list
Rated input current:	See product list
Output voltage:	See product list
Output frequency:	See product list
Output current:	See product list
Output power:	See product list
Weight unit:	See product list
Operation mode:	Continuous
Protection against electric shock:	Class I
Pollution degree:	PD2
IP protection class:	IP20
Mains supply overvoltage category (OVC):	OVC III
Intended equipment location:	For building-in (open-type)
Supply earthing system:	TN-S, TN-C, TN-C-S and TT
Mains connection:	Terminal connection

TÜV NORD CERT GmbH
Zertifizierungsstelle Konsumgüter

Essen, 2025-09-28

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ANLAGE
ANNEX

Anlage 1, ***Seite 2 von 3***
Annex 1, page 2 of 3

zum Zertifikat Registrier-Nr. / ***to Certificate Registration No. 44 780 25 406748 - 018***

Product list:

No	Model	Output Power (kW)	Input parameter	Output parameter
1	GD27-0R4G-S2-B-EU, GD27-0R4G-S2-B, GD27-0R4G-S2-S, GD27-0R4G-S2-B-EB	0.4	1PH, AC 200V-240V, 6.5A, 47-63Hz	3PH, AC 0-240V, 2.5A, 0-599Hz
2	GD27-0R7G-S2-B-EU, GD27-0R7G-S2-B, GD27-0R7G-S2-S, GD27-0R7G-S2-B-EB	0.75	1PH, AC 200V-240V, 11A，47-63Hz	3PH, AC 0-240V, 4.2A, 0-599Hz
3	GD27-0R4G-2-B-EU, GD27-0R4G-2-B	0.4	3PH, AC 200V-240V, 3.6A, 47-63Hz	3PH, AC 0-240V, 2.5A, 0-599Hz
4	GD27-0R7G-2-B-EU, GD27-0R7G-2-B	0.75	3PH, AC 200V-240V, 7A, 47-63Hz	3PH, AC 0-240V, 4.2A, 0-599Hz
5	GD27-0R7G-4-B-EU, GD27-0R7G-4-B, GD27-0R7G-4-S, GD27-0R7G-4-B-EB	0.75	3PH, AC 380V-480V, 4.5A, 47-63Hz	3PH, AC 0-480V, 2.5A, 0-599Hz
6	GD27-1R5G-4-B-EU, GD27-1R5G-4-B, GD27-1R5G-4-S, GD27-1R5G-4-B-EB	1.5	3PH, AC 380V-480V, 6.5A, 47-63Hz	3PH, AC 0-480V, 3.7A, 0-599Hz
7	GD27-0R4G-SS2-B, GD27-0R4G-SS2-B-EU	0.4	1PH, AC 200V-240V, 6.5A, 47-63Hz	1PH, AC 0-240V, 4.2A, 0-599Hz
8	GD27-1R5G-S2-B-EU, GD27-1R5G-S2-B, GD27-1R5G-S2-S, GD27-1R5G-S2-B-EB	1.5	1PH, AC 200V-240V, 18A, 47-63Hz	3PH, AC 0-240V, 7.5A, 0-599Hz
9	GD27-2R2G-S2-B-EU, GD27-2R2G-S2-B, GD27-2R2G-S2-S, GD27-2R2G-S2-B-EB	2.2	1PH, AC 200V-240V, 24.3A, 47-63Hz	3PH, AC 0-240V, 10A, 0-599Hz
10	GD27-1R5G-2-B-EU, GD27-1R5G-2-B	1.5	3PH, AC 200V-240V, 11.6A, 47-63Hz	3PH, AC 0-240V, 7.5A, 0-599Hz
11	GD27-2R2G-2-B-EU, GD27-2R2G-2-B	2.2	3PH, AC 200V-240V, 16A, 47-63Hz	3PH, AC 0-240V, 10A, 0-599Hz
12	GD27-2R2G-4-B-EU, GD27-2R2G-4-B, GD27-2R2G-4-S, GD27-2R2G-4-B-EB	2.2	3PH, AC 380V-480V, 8.8A, 47-63Hz	3PH, AC 0-480V, 5.5A, 0-599Hz
13	GD27-003G-4-B-EU, GD27-003G-4-B	3	3PH, AC 380V-480V, 12.2A, 47-63Hz	3PH, AC 0-480V, 7.5A, 0-599Hz
14	GD27-004G-4-B-EU, GD27-004G-4-B, GD27-004G-4-S, GD27-004G-4-B-EB	4	3PH, AC 380V-480V, 15.6A, 47-63Hz	3PH, AC 0-480V, 9.5A, 0-599Hz
15	GD27-0R7G-SS2-B, GD27-0R7G-SS2-B-EU	0.75	1PH, AC 200V-240V, 11A, 47-63Hz	1PH, AC 0-240V, 7.5A, 0-599Hz
16	GD27-1R5G-SS2-B, GD27-1R5G-SS2-B-EU	1.5	1PH, AC 200V-240V, 18A, 47-63Hz	1PH, AC 0-240V, 10A, 0-599Hz

TÜV NORD CERT GmbH
Zertifizierungsstelle Konsumgüter

Essen, 2025-09-28

TÜVNORD

ANLAGE
ANNEX

Anlage 1, ***Seite 3 von 3***
Annex 1, page 3 of 3

zum Zertifikat Registrier-Nr. / ***to Certificate Registration No. 44 780 25 406748 - 018***

No	Model	Output Power (kW)	Input parameter	Output parameter
17	GD27-5R5G-4-B-EU, GD27-5R5G-4-B, GD27-5R5G-4-S, GD27-5R5G-4-B-EB	5.5	3PH, AC 380V-480V, 22.3A, 47-63Hz	3PH, AC 0-480V, 14A, 0-599Hz
18	GD27-7R5G-4-B-EU, GD27-7R5G-4-B, GD27-7R5G-4-S, GD27-7R5G-4-B-EB	7.5	3PH, AC 380V-480V, 28.7A, 47-63Hz	3PH, AC 0-480V, 18.5A, 0-599Hz
19	GD27-004G-2-B-EU, GD27-004G-2-B	4	3PH, AC 200V-240V, 22.3A, 47-63Hz	3PH, AC 0-240V, 16A, 0-599Hz
20	GD27-5R5G-2-B-EU, GD27-5R5G-2-B	5.5	3PH, AC 200V-240V, 25A, 47-63Hz	3PH, AC 0-240V, 20A, 0-599Hz
21	GD27-2R2G-SS2-B, GD27-2R2G-SS2-B-EU	2.2	1PH, AC 200V-240V, 24A, 47-63Hz	1PH, AC 0-240V, 16A, 0-599Hz
22	GD27-7R5G-2-B-EU, GD27-7R5G-2-B	7.5	3PH, AC 200V-240V, 33A, 47-63Hz	3PH, AC 0-240V, 30A, 0-599Hz
23	GD27-011G-2-B, GD27-011G-2-B-EU	11	3PH, AC 200V-240V, 44A, 47-63Hz	3PH, AC 0-240V, 42A, 0-599Hz
24	GD27-011G-4-B, GD27-011G-4-B-EU	11	3PH, AC 380V-480V, 36A, 47-63Hz	3PH, AC 0-480V, 25A, 0-599Hz
25	GD27-015G-4-B, GD27-015G-4-B-EU	15	3PH, AC 380V-480V, 46A, 47-63Hz	3PH, AC 0-480V, 32A, 0-599Hz
26	GD27-015G-2-B, GD27-015G-2-B-EU	15	3PH, AC 200V-240V, 60A, 47-63Hz	3PH, AC 0-240V, 55A, 0-599Hz
27	GD27-004G-SS2-B, GD27-004G-SS2-B-EU	4	1PH, AC 200V-240V, 38A, 47-63Hz	1PH, AC 0-240V, 30A, 0-599Hz
28	GD27-5R5G-SS2-B, GD27-5R5G-SS2-B-EU	5.5	1PH, AC 200V-240V, 52A, 47-63Hz	1PH, AC 0-240V, 42A, 0-599Hz
29	GD27-018G-4-B, GD27-018G-4-B-EU	18.5	3PH, AC 380V-480V, 57A, 47-63Hz	3PH, AC 0-480V, 38A, 0-599Hz
30	GD27-022G-4-B, GD27-022G-4-B-EU	22	3PH, AC 380V-480V, 62A, 47-63Hz	3PH, AC 0-480V, 45A, 0-599Hz

TÜV NORD CERT GmbH
Zertifizierungsstelle Konsumgüter

Essen, 2025-09-28

TÜVNORD

Certificate
of conformity with the following European Directive

Registered No.:
44 799 25 406748 - 044

Low-Voltage Directive 2014/35/EU

Date of application	File reference	Test report No	Date of issue	Place of issue
26.05.2025	IND-CUC-C2504002-03	TRIND-CUC-C2504002-03/01	28.09.2025	Hangzhou

This is to certify that the following products comply to the essential requirements (Annex I) of the above mentioned European Directive:

Product:	Frequency Converter
Type designation:	GD27 series (Details refer to technical report TRIND-CUC-C2504002-03/01)
Applicant:	Shenzhen INVT Electric Co., Ltd. INVT Guangming Technology Building, Kejie Fourth Road, Shutianpu, Matian, Guangming District, Shenzhen, Guangdong, PEOPLE'S REPUBLIC OF CHINA
Standard(s):	EN 61800-5-1:2007 + A11:2021

This certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT GmbH. The holder of this certificate may use it together with his EU Declaration of Conformity.

Certification Body
Specialist Manager Cosumer Products

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The CE marking may be affixed on the product if all relevant and effective Directives are complied with.