



Product Service

Attestation of Conformity

No. N8A 17 01 72237 107

Holder of Certificate: Shenzhen INVT Electric Co., Ltd.

No.4 Building, Gaofa Industrial Park
Longjing, Nanshan District
518055 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. See also notes overleaf.

Test report no.: 682301606401**Date,** 2017-02-08
(Alex Kong)

CE After preparation of the necessary technical documentation as well as the EU conformity declaration the required CE marking can be affixed on the product. That 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):

GD20-0R4G-S2, GD20-0R7G-S2, GD20-1R5G-S2,
 GD20-2R2G-S2, GD20-0R4G-2, GD20-0R7G-2, GD20-0R7G-4,
 GD20-1R5G-4, GD20-2R2G-4, GD20-1R5G-2, GD20-2R2G-2,
 GD20-004G-2, GD20-004G-4, GD20-5R5G-4, GD20-5R5G-2,
 GD20-7R5G-4, GD20-7R5G-2, GD20-011G-4, GD20-015G-4,
 GD20-018G-4, GD20-022G-4, GD20-030G-4, GD20-037G-4,
 GD20-045G-4, GD20-045G-4-B, GD20-055G-4, GD20-055G-4-B,
 GD20-075G-4, GD20-075G-4-B, GD20-090G-4, GD20-090G-4-B,
 GD20-110G-4, GD20-110G-4-B, GD20-0R4G-S2-EU,
 GD20-0R7G-S2-EU, GD20-1R5G-S2-EU, GD20-2R2G-S2-EU,
 GD20-0R4G-2-EU, GD20-0R7G-2-EU,
 GD20-0R7G-4-EU, GD20-1R5G-4-EU, GD20-2R2G-4-EU,
 GD20-1R5G-2-EU, GD20-2R2G-2-EU, GD20-004G-2-EU,
 GD20-004G-4-EU, GD20-5R5G-4-EU, GD20-5R5G-2-EU,
 GD20-7R5G-4-EU, GD20-7R5G-2-EU, GD20-011G-4-EU,
 GD20-015G-4-EU, GD20-018G-4-EU, GD20-022G-4-EU,
 GD20-030G-4-EU, GD20-037G-4-EU, GD20-045G-4-EU,
 GD20-045G-4-B-EU, GD20-055G-4-EU, GD20-055G-4-B-EU,
 GD20-075G-4-EU, GD20-075G-4-B-EU, GD20-090G-4-EU,
 GD20-090G-4-B-EU, GD20-110G-4-EU, GD20-110G-4-B-EU

Parameters:

Rated Input :	See page 3-4 for details
Rated Output :	See page 3-4 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/mechanical protection enclosure shall be provided.
- Maximum operating temperature is 40 degree 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 and TT (not corner earthed) power systems were evaluated.
- The frequency inverter has no overcurrent protective device.
- For safety operation, a suitable external circuit breaker must be employed before installation.

Tested according to:

EN 61800-5-1:2007

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Model No.	Rated Input	Rated Output
GD20-0R4G-S2	1PH, 220V(-15%)-240V(+10%), 47-63Hz, 6.5A	3PH, 0V-Uinput, 0-400Hz, 2.5A
GD20-0R4G-S2-EU		
GD20-0R7G-S2	1PH, 220V(-15%)-240V(+10%), 47-63Hz, 9.3A	3PH, 0V-Uinput, 0-400Hz, 4.2A
GD20-0R7G-S2-EU		
GD20-1R5G-S2	1PH, 220V(-15%)-240V(+10%), 47-63Hz, 15.7A	3PH, 0V-Uinput, 0-400Hz, 7.5A
GD20-1R5G-S2-EU		
GD20-2R2G-S2	1PH, 220V(-15%)-240V(+10%), 47-63Hz, 24A	3PH, 0V-Uinput, 0-400Hz, 10A
GD20-2R2G-S2-EU		
GD20-0R4G-2	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 3.7A	3PH, 0V-Uinput, 0-400Hz, 2.5A
GD20-0R4G-2-EU		
GD20-0R7G-2	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 5A	3PH, 0V-Uinput, 0-400Hz, 4.2A
GD20-0R7G-2-EU		
GD20-0R7G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 3.4A	3PH, 0V-Uinput, 0-400Hz, 2.5A
GD20-0R7G-4-EU		
GD20-1R5G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 5.0A	3PH, 0V-Uinput, 0-400Hz, 4.2A
GD20-1R5G-4-EU		
GD20-2R2G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 5.8A	3PH, 0V-Uinput, 0-400Hz, 5.5A
GD20-2R2G-4-EU		
GD20-1R5G-2	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 7.7A	3PH, 0V-Uinput, 0-400Hz, 7.5A
GD20-1R5G-2-EU		
GD20-2R2G-2	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 11A	3PH, 0V-Uinput, 0-400Hz, 10A
GD20-2R2G-2-EU		
GD20-004G-2	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 17A	3PH, 0V-Uinput, 0-400Hz, 16A
GD20-004G-2-EU		
GD20-004G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 13.5A	3PH, 0V-Uinput, 0-400Hz, 9.5A
GD20-004G-4-EU		
GD20-5R5G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 19.5A	3PH, 0V-Uinput, 0-400Hz, 14A
GD20-5R5G-4-EU		
GD20-5R5G-2	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 21A	3PH, 0V-Uinput, 0-400Hz, 20A
GD20-5R5G-2-EU		
GD20-7R5G-2	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 31A	3PH, 0V-Uinput, 0-400Hz, 30A
GD20-7R5G-2-EU		
GD20-7R5G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 25A	3PH, 0V-Uinput, 0-400Hz, 18.5A
GD20-7R5G-4-EU		
GD20-011G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 32A	3PH, 0V-Uinput, 0-400Hz, 25A
GD20-011G-4-EU		
GD20-015G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 40A	3PH, 0V-Uinput, 0-400Hz, 32A
GD20-015G-4-EU		
GD20-018G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 47A	3PH, 0V-Uinput, 0-400Hz, 38A
GD20-018G-4-EU		
GD20-022G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 51A	3PH, 0V-Uinput, 0-400Hz, 45A
GD20-022G-4-EU		
GD20-030G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 70A	3PH, 0V-Uinput, 0-400Hz, 60A
GD20-030G-4-EU		
GD20-037G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 80A	3PH, 0V-Uinput, 0-400Hz, 75A
GD20-037G-4-EU		
GD20-045G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 98A	3PH, 0V-Uinput, 0-400Hz, 92A
GD20-045G-4-EU		



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GD20-045G-4-B	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 98A	3PH, 0V-Uinput, 0-400Hz, 92A
GD20-045G-4-B-EU		
GD20-055G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 128A	3PH, 0V-Uinput, 0-400Hz, 115A
GD20-055G-4-EU		
GD20-055G-4-B	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 128A	3PH, 0V-Uinput, 0-400Hz, 115A
GD20-055G-4-B-EU		
GD20-075G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 139A	3PH, 0V-Uinput, 0-400Hz, 150A
GD20-075G-4-EU		
GD20-075G-4-B	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 139A	3PH, 0V-Uinput, 0-400Hz, 150A
GD20-075G-4-B-EU		
GD20-090G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 168A	3PH, 0V-Uinput, 0-400Hz, 180A
GD20-090G-4-EU		
GD20-090G-4-B	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 168A	3PH, 0V-Uinput, 0-400Hz, 180A
GD20-090G-4-B-EU		
GD20-110G-4	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 201A	3PH, 0V-Uinput, 0-400Hz, 215A
GD20-110G-4-EU		
GD20-110G-4-B	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 201A	3PH, 0V-Uinput, 0-400Hz, 215A
GD20-110G-4-B-EU		