



Product Service

Attestation of Conformity

No. N8A 072237 0107 Rev. 03

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

Test report no.: 64105203041401

Date, 2020-08-11

(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):

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, GD350A-018G/022P-4,
 GD350A-022G/030P-4, GD350A-030G/037P-4,
 GD350A-037G/045P-4, GD350A-045G/055P-4,
 GD350A-055G/075P-4, GD350A-075G/090P-4,
 GD350A-090G/110P-4, GD350A-110G/132P-4

Brand:

INVT



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/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.

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- The frequency inverter has no overcurrent protective device.
For safe operation, a suitable external circuit breaker must be employed before installation.

Model No.	Rated Input	Rated Output*	Frame Size
GD20-0R4G-S2 GD20-0R4G-S2-EU	1PH, 220V(-15%)-240V(+10%), 47-63Hz, 6.5A	3PH, 0V-Uinput, 0-400Hz, 2.5A, 0.4kW	Size A: 80×160× 123.5 mm
	1PH, 200V-240V,47-63Hz, 6.5A		
GD20-0R7G-S2 GD20-0R7G-S2-EU	1PH, 220V(-15%)-240V(+10%), 47-63Hz, 9.3A	3PH, 0V-Uinput, 0-400Hz, 4.2A, 0.7kW	Size B: 80×185× 140.5 mm
	1PH, 200V-240V,47-63Hz, 9.3A		
GD20-1R5G-S2 GD20-1R5G-S2-EU	1PH, 220V(-15%)-240V(+10%), 47-63Hz, 15.7A	3PH, 0V-Uinput, 0-400Hz, 7.5A, 1.5kW	Size B: 80×185× 140.5 mm
	1PH, 200V-240V,47-63Hz, 15.7A		
GD20-2R2G-S2 GD20-2R2G-S2-EU	1PH, 220V(-15%)-240V(+10%), 47-63Hz, 24.0A	3PH, 0V-Uinput, 0-400Hz, 10.0A, 2.2kW	Size C: 80×185× 140.5 mm
	1PH, 200V-240V,47-63Hz, 24.0A		
GD20-0R4G-2 GD20-0R4G-2-EU	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 3.7A	3PH, 0V-Uinput, 0-400Hz, 2.5A, 4.0kW	Size C: 80×185× 140.5 mm
	3PH, 200V-240V,47-63Hz, 3.7A		
GD20-0R7G-2 GD20-0R7G-2-EU	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 5.0A	3PH, 0V-Uinput, 0-400Hz, 4.2A, 0.75kW	Size C: 80×185× 140.5 mm
	3PH, 200V-240V,47-63Hz, 5.0A		
GD20-0R7G-4 GD20-0R7G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 3.4A	3PH, 0V-Uinput, 0-400Hz, 2.5A, 0.75kW	Size C: 80×185× 140.5 mm
	3PH, 380V-480V,47-63Hz, 3.4A		
GD20-1R5G-4 GD20-1R5G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 5.0A	3PH, 0V-Uinput, 0-400Hz, 4.2A, 1.5kW	Size C: 80×185× 140.5 mm
	3PH, 380V-480V,47-63Hz, 5.0A		
GD20-2R2G-4 GD20-2R2G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 5.8A	3PH, 0V-Uinput, 0-400Hz, 5.5A, 2.2kW	Size C: 80×185× 140.5 mm
	3PH, 380V-480V,47-63Hz, 5.8A		
GD20-1R5G-2 GD20-1R5G-2-EU	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 7.7A	3PH, 0V-Uinput, 0-400Hz, 7.5A, 1.5kW	Size D: 146×256× 167 mm
	3PH, 200V-240V,47-63Hz, 7.7A		
GD20-2R2G-2 GD20-2R2G-2-EU	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 11.0A	3PH, 0V-Uinput, 0-400Hz, 10.0A, 2.2kW	Size D: 146×256× 167 mm
	3PH, 200V-240V,47-63Hz, 11.0A		
GD20-004G-2 GD20-004G-2-EU	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 17.0A	3PH, 0V-Uinput, 0-400Hz, 16.0A, 4.0kW	Size D: 146×256× 167 mm
	3PH, 200V-240V,47-63Hz, 17.0A		
GD20-004G-4 GD20-004G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 13.5A	3PH, 0V-Uinput, 0-400Hz, 9.5A, 4.0kW	Size D: 146×256× 167 mm
	3PH, 380V-480V,47-63Hz, 13.5A		
GD20-5R5G-4 GD20-5R5G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 19.5A	3PH, 0V-Uinput, 0-400Hz, 14.0A, 5.5kW	Size D: 146×256× 167 mm
	3PH, 380V-480V, 47-63Hz, 19.5A		
GD20-5R5G-2 GD20-5R5G-2-EU	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 21.0A	3PH, 0V-Uinput, 0-400Hz, 20.0A, 5.5kW	Size E: 170×320× 196.3 mm
	3PH, 200V-240V,47-63Hz, 21.0A		
GD20-7R5G-2 GD20-7R5G-2-EU	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 31.0A	3PH, 0V-Uinput, 0-400Hz, 30.0A, 7.5kW	Size E: 170×320× 196.3 mm
	3PH, 200V-240V,47-63Hz, 31.0A		



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GD20-7R5G-4 GD20-7R5G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 25.0A	3PH, 0V-Uinput, 0-400Hz, 18.5A, 7.5kW
	3PH, 380V-480V, 47-63Hz, 25.0A	

Model No.	Rated Input	Rated Output*	Frame Size
GD20-011G-4 GD20-011G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 32.0A	3PH, 0V-Uinput, 0-400Hz, 25.0A, 11.0kW	Size E: 170×320× 196.3 mm
	3PH, 380V-480V, 47-63Hz, 32.0A		
GD20-015G-4 GD20-015G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 40.0A	3PH, 0V-Uinput, 0-400Hz, 32.0A, 15.0kW	Size F: 200×340.6× 184.3 mm
	3PH, 380V-480V, 47-63Hz, 40.0A		
GD20-018G-4 GD20-018G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 47.0A	3PH, 0V-Uinput, 0-400Hz, 38.0A, 18.5kW	Size G: 250×400× 202 mm
	3PH, 380V-480V, 47-63Hz, 47.0A		
GD20-022G-4 GD20-022G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 51.0A	3PH, 0V-Uinput, 0-400Hz, 45.0A, 22.0kW	Size H: 282×560× 238 mm
	3PH, 380V-480V, 47-63Hz, 51.0A		
GD20-030G-4 GD20-030G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 70.0A	3PH, 0V-Uinput, 0-400Hz, 60.0A, 30.0kW	Size I: 338×554× 329.2 mm
	3PH, 380V-480V, 47-63Hz, 70.0A		
GD20-037G-4 GD20-037G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 80.0A	3PH, 0V-Uinput, 0-400Hz, 75.0A, 37.0kW	Size I: 338×554× 329.2 mm
	3PH, 380V-480V, 47-63Hz, 80.0A		
GD20-045G-4 GD20-045G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 98.0A	3PH, 0V-Uinput, 0-400Hz, 92.0A, 45.0kW	Size I: 338×554× 329.2 mm
	3PH, 380V-480V, 47-63Hz, 98.0A		
GD20-045G-4-B GD20-045G-4-B-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 98.0A	3PH, 0V-Uinput, 0-400Hz, 92.0A, 45.0kW	Size I: 338×554× 329.2 mm
	3PH, 380V-480V, 47-63Hz, 98.0A		
GD20-055G-4 GD20-055G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 128.0A	3PH, 0V-Uinput, 0-400Hz, 115.0A, 55.0kW	Size I: 338×554× 329.2 mm
	3PH, 380V-480V, 47-63Hz, 128.0A		
GD20-055G-4-B GD20-055G-4-B-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 128.0A	3PH, 0V-Uinput, 0-400Hz, 115.0A, 55.0kW	Size I: 338×554× 329.2 mm
	3PH, 380V-480V, 47-63Hz, 128.0A		
GD20-075G-4 GD20-075G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 139.0A	3PH, 0V-Uinput, 0-400Hz, 150.0A, 75.0kW	Size I: 338×554× 329.2 mm
	3PH, 380V-480V, 47-63Hz, 139.0A		
GD20-075G-4-B GD20-075G-4-B-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 139.0A	3PH, 0V-Uinput, 0-400Hz, 150.0A, 75.0kW	Size I: 338×554× 329.2 mm
	3PH, 380V-480V, 47-63Hz, 139.0A		
GD20-090G-4 GD20-090G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 168.0A	3PH, 0V-Uinput, 0-400Hz, 180.0A, 90.0kW	Size I: 338×554× 329.2 mm
	3PH, 380V-480V, 47-63Hz, 168.0A		
GD20-090G-4-B GD20-090G-4-B-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 168.0A	3PH, 0V-Uinput, 0-400Hz, 180.0A, 90.0kW	Size I: 338×554× 329.2 mm
	3PH, 380V-480V, 47-63Hz, 168.0A		
GD20-110G-4 GD20-110G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 201.0A	3PH, 0V-Uinput, 0-400Hz, 215.0A, 110.0kW	Size I: 338×554× 329.2 mm
	3PH, 380V-480V, 47-63Hz, 201.0A		



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GD20-110G-4-B	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 201.0A	3PH, 0V-Uinput, 0-400Hz,	
GD20-110G-4-B-EU	3PH, 380V-480V, 47-63Hz, 201.0A	215.0A, 110.0kW	

Model No.	Rated Input	Rated Output *	Frame Size	
GD350A-018G/022P-4	3PH, 380-480V, 47-63Hz, 45/51A	3PH, 0-Uinput, 0-400Hz, 38/45A, 18.5/22kW	Size F: 371×266× 208 mm	
	3PH, 380V(-15%)-440V(+10%), 47-63Hz,45/51A			
GD350A-022G/030P-4	3PH, 380-480V, 47-63Hz, 51/64A	3PH, 0-Uinput, 0-400Hz, 45/60A, 22/30kW		
	3PH, 380V(-15%)-440V(+10%), 47-63Hz,51/64A			
GD350A-030G/037P-4	3PH, 380-480V, 47-63Hz,64/80A	3PH, 0-Uinput, 0-400Hz, 60/75A, 30/37kW	Size G: 430×316× 223 mm	
	3PH, 380V(-15%)-440V(+10%), 47-63Hz,64/80A			
GD350A-037G/045P-4	3PH, 380-480V, 47-63Hz,80/98A	3PH, 0-Uinput, 0-400Hz, 75/92A, 37/45kW		
	3PH, 380V(-15%)-440V(+10%), 47-63Hz,80/98A			
GD350A-045G/055P-4	3PH, 380-480V, 47-63Hz,98/128A	3PH, 0-Uinput, 0-400Hz, 92/115A, 45/55kW	Size H: 580×352× 258 mm	
	3PH, 380V(-15%)-440V(+10%), 47-63Hz,98/128A			
GD350A-055G/075P-4	3PH, 380-480V, 47-63Hz,128/139A	3PH, 0-Uinput, 0-400Hz, 115/150A, 55/75kW		
	3PH, 380V(-15%)-440V(+10%), 47-63Hz,128/139A			
GD350A-075G/090P-4	3PH, 380-480V, 47-63Hz,139/168A	3PH, 0-Uinput, 0-400Hz, 150/170A, 75/90kW		
	3PH, 380V(-15%)-440V(+10%), 47-63Hz,139/168A			
GD350A-090G/110P-4	3PH, 380-480V, 47-63Hz,168/201A	3PH, 0-Uinput, 0-400Hz, 180/215A, 90/110kW		Size I: 600×418.5× 330 mm
	3PH, 380V(-15%)-440V(+10%), 47-63Hz,168/201A			
GD350A-110G/132P-4	3PH, 380-480V, 47-63Hz,201/265A	3PH, 0-Uinput, 0-400Hz, 215/260A, 110/132kW		
	3PH, 380V(-15%)-440V(+10%), 47-63Hz,201/265A			

Remark: Uinput - Rated Input Voltage

Tested according to:

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