



Product Service

Attestation of Conformity

No. N8A 072237 0107 Rev. 04

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.: 64105203041404

Date, 2022-06-20

(Frank Zhu)

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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



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Parameters:

Rated Input : See below pages
Rated Output : See below pages
Installation : BDM
Protection Class : I
Construction : Built-in

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 safe operation, a suitable external circuit breaker must be employed before installation.

**Tested
according to:**

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

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Parameters:

Model No.	Rated Input	Rated Output*	Frame Size (mm)		
GD20-0R4G-S2 GD20-0R4G-S2-EU	1PH, 220V(-15%)-240V(+10%), 47-63Hz, 6.5A	3PH, 0V-Uinput, 0-400Hz, 2.5A, 0.4 kW	Size A: 80 x 160 x 123.5		
	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, 0.75 kW			
	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, 1.5 kW		Size B: 80 x 185 x 140.5	
	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, 2.2 kW			
	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, 0.4 kW			Size C: 80 x 185 x 140.5
	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, 0.75 kW			
	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, 0.75 kW			
	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, 1.5 kW			
	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, 2.2 kW			
	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, 1.5 kW	Size D: 146 x 256 x 167		
	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, 2.2 kW			
	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, 4.0 kW			
	3PH, 200V-240V,47-63Hz, 17.0A				



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GD20-004G-4 GD20-004G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 13.5A	3PH, 0V-Uinput, 0-400Hz, 9.5A, 4.0 kW	Size E: 170 x 320 x 196.3	
	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, 5.5 kW		
	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, 5.5 kW		
	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, 7.5 kW		
	3PH, 200V-240V,47-63Hz, 31.0A			
GD20-7R5G-4 GD20-7R5G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 25.0A	3PH, 0V-Uinput, 0-400Hz, 18.5A, 7.5 kW		
	3PH, 380V-480V, 47-63Hz, 25.0A			
GD20-011G-4 GD20-011G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 32.0A	3PH, 0V-Uinput, 0-400Hz, 25.0A, 11.0 kW		
	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, 15.0 kW		
	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, 18.5 kW		Size F: 200 x 340.6 x 184.3
	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, 22.0 kW		
	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, 30.0 kW		
	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, 37.0 kW	Size G: 250 x 400 x 202	
	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, 45.0 kW	Size H: 282 x 560 x 238	
	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, 45.0 kW		
	3PH, 380V-480V, 47-63Hz, 98.0A			



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GD20-055G-4 GD20-055G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 128.0A	3PH, 0V-Uinput, 0-400Hz, 115.0A, 55.0 kW	Size I: 338 x 554 x 329.2
	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, 55.0 kW	
	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, 75.0 kW	
	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, 75.0 kW	
	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, 90.0 kW	
	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, 90.0 kW	
	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, 110.0 kW	
	3PH, 380V-480V, 47-63Hz, 201.0A		
GD20-110G-4-B GD20-110G-4-B-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 201.0A	3PH, 0V-Uinput, 0-400Hz, 215.0A, 110.0 kW	
	3PH, 380V-480V, 47-63Hz, 201.0A		

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Model No.	Rated Input	Rated Output *	Frame Size (mm)
GD350A-018G/022P-4	3PH, 380-480V, 47-63Hz, 45/51A	3PH, 0-Uinput, 0-400Hz, 38/45A, 18.5/22 kW	Size F: 371 x 266 x 208
	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, 22/30 kW	Size G: 430 x 316 x 223
	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, 30/37 kW	Size H: 580 x 352 x 258
	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, 37/45 kW	Size I: 600 x 418.5 x 330
	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, 45/55 kW	Size I: 600 x 418.5 x 330
	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, 55/75 kW	Size I: 600 x 418.5 x 330
	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, 75/90 kW	Size I: 600 x 418.5 x 330
	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, 90/110 kW	Size I: 600 x 418.5 x 330
	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, 110/132 kW	Size I: 600 x 418.5 x 330
	3PH, 380V(-15%)-440V(+10%), 47-63Hz,201/265A		
* Remark: Uinput - Rated Input Voltage			