

# Declaration of Conformity

**2014/35/EU LOW VOLTAGE DIRECTIVE  
2014/30/EU ELECTROMAGNETIC COMPATIBILITY**

*This is hereby declared that following designated product complied with the essential health and safety requirements of above Council Directive(s) on the approximation of the laws of the Member States relating to it.*

*Designation:*

## **Frequency Converter**

**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**

*IP protection class:*  
**IP20**

*The following Standards and other technical specifications have been used:*

**EN61800-5-1:2007/A1:2017  
EN 61800-3:2004/A1:2012**

*This declaration is the responsibility of the Manufacturer:*

**Shenzhen INVT Electric Co., Ltd.  
INVT Guangming Technology Building, Songbai Road, Matian, Guangming  
District, Shenzhen, China, 518106**

*This declaration applies to all specimens manufactured identical to the model submitted for testing/ evaluation. Assessment of compliance of the product with the requirements relating to safety standards listed above was performed by manufacturer.*

SIGNED ON BEHALF OF:  
Shenzhen INVT Electric Co., Ltd.



董瑞力

SIGNATURE \_\_\_\_\_

POST \_\_\_\_\_ Technical Director

2019.05.27

DATE: \_\_\_\_\_

Model No.	Rated Input	Rated Output
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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	3PH, 200V-240V,47-63Hz, 17.0A	

GD20-004G-4 GD20-004G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 13.5A 3PH, 380V-480V,47-63Hz, 13.5A	3PH, 0V-Uinput, 0-400Hz, 9.5A, 4.0kW
GD20-5R5G-4 GD20-5R5G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 19.5A 3PH, 380V-480V, 47-63Hz, 19.5A	3PH, 0V-Uinput, 0-400Hz, 14.0A, 5.5kW
GD20-5R5G-2 GD20-5R5G-2-EU	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 21.0A 3PH, 200V-240V,47-63Hz, 21.0A	3PH, 0V-Uinput, 0-400Hz, 20.0A, 5.5kW
GD20-7R5G-2 GD20-7R5G-2-EU	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 31.0A 3PH, 200V-240V,47-63Hz, 31.0A	3PH, 0V-Uinput, 0-400Hz, 30.0A, 7.5kW
GD20-7R5G-4 GD20-7R5G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 25.0A 3PH, 380V-480V, 47-63Hz, 25.0A	3PH, 0V-Uinput, 0-400Hz, 18.5A, 7.5kW
GD20-011G-4 GD20-011G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 32.0A 3PH, 380V-480V, 47-63Hz, 32.0A	3PH, 0V-Uinput, 0-400Hz, 25.0A, 11.0kW
GD20-015G-4 GD20-015G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 40.0A 3PH, 380V-480V, 47-63Hz, 40.0A	3PH, 0V-Uinput, 0-400Hz, 32.0A, 15.0kW
GD20-018G-4 GD20-018G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 47.0A 3PH, 380V-480V, 47-63Hz, 47.0A	3PH, 0V-Uinput, 0-400Hz, 38.0A, 18.5kW
GD20-022G-4 GD20-022G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 51.0A 3PH, 380V-480V, 47-63Hz, 51.0A	3PH, 0V-Uinput, 0-400Hz, 45.0A, 22.0kW
GD20-030G-4 GD20-030G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 70.0A 3PH, 380V-480V, 47-63Hz, 70.0A	3PH, 0V-Uinput, 0-400Hz, 60.0A, 30.0kW
GD20-037G-4 GD20-037G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 80.0A 3PH, 380V-480V, 47-63Hz, 80.0A	3PH, 0V-Uinput, 0-400Hz, 75.0A, 37.0kW
GD20-045G-4 GD20-045G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 98.0A 3PH, 380V-480V, 47-63Hz, 98.0A	3PH, 0V-Uinput, 0-400Hz, 92.0A, 45.0kW
GD20-045G-4-B GD20-045G-4-B-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 98.0A 3PH, 380V-480V, 47-63Hz, 98.0A	3PH, 0V-Uinput, 0-400Hz, 92.0A, 45.0kW
GD20-055G-4 GD20-055G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 128.0A 3PH, 380V-480V, 47-63Hz, 128.0A	3PH, 0V-Uinput, 0-400Hz, 115.0A, 55.0kW
GD20-055G-4-B GD20-055G-4-B-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 128.0A 3PH, 380V-480V, 47-63Hz, 128.0A	3PH, 0V-Uinput, 0-400Hz, 115.0A, 55.0kW
GD20-075G-4 GD20-075G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 139.0A 3PH, 380V-480V, 47-63Hz, 139.0A	3PH, 0V-Uinput, 0-400Hz, 150.0A, 75.0kW
GD20-075G-4-B GD20-075G-4-B-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 139.0A 3PH, 380V-480V, 47-63Hz, 139.0A	3PH, 0V-Uinput, 0-400Hz, 150.0A, 75.0kW
GD20-090G-4 GD20-090G-4-EU	3PH, 380V(-15%)-440V(+10%), 47-63Hz, 168.0A 3PH, 380V-480V, 47-63Hz, 168.0A	3PH, 0V-Uinput, 0-400Hz, 180.0A, 90.0kW

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
	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
	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, 110.0kW
	3PH, 380V-480V, 47-63Hz, 201.0A	