



Product Service

CERTIFICATE

No. B 072237 0095 Rev. 02

Holder of Certificate: **Shenzhen INVT Electric Co., Ltd.**
INVT Guangming Technology Building, Songbai Road
Matian, Guangming District
518106 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Electronic frequency converter
(Frequency Inverter)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64105203041301

Valid until: 2025-09-06

Date, 2020-09-07

(Frank Zhu)

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Model(s):

GD300-1R5G-4, GD300-2R2G-4, GD300-004G-4,
GD300-5R5P-4, GD300-5R5G-4, GD300-7R5P-4,
GD300-7R5G-4, GD300-011P-4, GD300-011G-4,
GD300-015P-4, GD300-015G-4, GD300-018P-4,
GD300-018G-4, GD300-022P-4, GD200-1R5G-4,
GD200-2R2G-4, GD200-004G-4, GD200-5R5P-4,
GD200-5R5G-4, GD200-7R5P-4, GD200-7R5G-4,
GD200-011P-4, GD200-011G-4, GD200-015P-4,
GD200-015G-4, GD200-018P-4, GD200-018G-4,
GD200-022P-4, GD35-004G-4-A1, GD35-004G-4-B1,
GD35-004G-4-C1, GD35-004G-4-D1, GD35-004G-4-H1,
GD35-5R5G-4-A1, GD35-5R5G-4-B1, GD35-5R5G-4-C1,
GD35-5R5G-4-D1, GD35-5R5G-4-H1, GD35-7R5G-4-A1,
GD35-7R5G-4-B1, GD35-7R5G-4-C1, GD35-7R5G-4-D1,
GD35-7R5G-4-H1, GD35-011G-4-A1, GD35-011G-4-B1,
GD35-011G-4-C1, GD35-011G-4-D1, GD35-011G-4-H1,
GD35-015G-4-A1, GD35-015G-4-B1, GD35-015G-4-C1,
GD35-015G-4-D1, GD35-015G-4-H1, GD200A-0R7G-4,
GD200A-1R5G-4, GD200A-2R2G-4, GD200A-004G-4,
GD200A-5R5P-4, GD200A-5R5G-4, GD200A-7R5P-4,
GD200A-7R5G-4, GD200A-011P-4, GD200A-011G-4,
GD200A-015P-4, GD200A-015G-4, GD200A-018P-4,
GD200A-018G-4, GD200A-022P-4, GD350A-1R5G/2R2P-4,
GD350A-2R2G/003P-4, GD350A-004G/5R5P-4,
GD350A-5R5G/7R5P-4, GD350A-7R5G/011P-4,
GD350A-011G/015P-4, GD350A-015G/018P-4

Brand Name:

INVT



Parameters:

Rated Input : See below table for details
Rated Output : See below table for details
Installation : BDM
Protection Class : I
Degree of Protection : IP20
Rated Operating Time : Continuous

Remarks:

- 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°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.

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Model No.	Rated input	Rated output*	Size (mm)		
GD300-1R5G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 5.0A	3 PH, 0V-Uinput, 0-400Hz, 3.7A, 1.5 kW	A: 193x126x174.5		
	3 PH, 380V-480V, 47-63Hz, 5.0A				
GD300-2R2G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 5.8A	3 PH, 0V-Uinput, 0-400Hz, 5.0A, 2.2 kW			
	3 PH, 380V-480V, 47-63Hz, 5.8A				
GD300-004G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 13.5A	3 PH, 0V-Uinput, 0-400Hz, 9.5A, 4.0KW			
	3 PH, 380V-480V, 47-63Hz, 13.5A				
GD300-5R5P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 19.5A	3 PH, 0V-Uinput, 0-400Hz, 14.0A, 5.5 kW		B: 263x146x181	
	3 PH, 380V-480V, 47-63Hz, 19.5A				
GD300-5R5G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 19.5A	3 PH, 0V-Uinput, 0-400Hz, 14.0A, 5.5 kW			
	3 PH, 380V-480V, 47-63Hz, 19.5A				
GD300-7R5P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 25.0A	3 PH, 0V-Uinput, 0-400Hz, 18.5A, 7.5 kW			
	3 PH, 380V-480V, 47-63Hz, 25.0A				
GD300-7R5G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 25.0A	3 PH, 0V-Uinput, 0-400Hz, 18.5A, 7.5 kW			
	3 PH, 380V-480V, 47-63Hz, 25.0A				
GD300-011P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 32.0A	3 PH, 0V-Uinput, 0-400Hz, 25.0A, 11.0 kW			C: 331.5x170.0x216.2
	3 PH, 380V-480V, 47-63Hz, 32.0A				
GD300-011G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 32.0A	3 PH, 0V-Uinput, 0-400Hz, 25.0A, 11.0 kW			
	3 PH, 380V-480V, 47-63Hz, 32.0A				
GD300-015P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 40.0A	3 PH, 0V-Uinput, 0-400Hz, 32.0A, 15.0 kW			
	3 PH, 380V-480V, 47-63Hz, 40.0A				
GD300-015G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 40.0A	3 PH, 0V-Uinput, 0-400Hz, 32.0A, 15.0 kW			
	3 PH, 380V-480V, 47-63Hz, 40.0A				
GD300-018P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 47A	3 PH, 0V-Uinput, 0-400Hz, 38.0A, 18.5 kW	D: 342x230x216		
	3 PH, 380V-480V, 47-63Hz, 47A				
GD300-018G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 47A	3 PH, 0V-Uinput, 0-400Hz, 38.0A, 18.5 kW			
	3 PH, 380V-480V, 47-63Hz, 47A				
GD300-022P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 56A	3 PH, 0V-Uinput, 0-400Hz, 45.0A, 22 kW			
	3 PH, 380V-480V, 47-63Hz, 56A				

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Model No.	Rated input	Rated output*	Size (mm)	
GD200-1R5G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 5.0A	3 PH, 0V-Uinput, 0-400Hz, 3.7A, 1.5 kW	A: 193x126x174.5	
	3 PH, 380V-480V, 47-63Hz, 5.0A			
GD200-2R2G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 5.8A	3 PH, 0V-Uinput, 0-400Hz, 5.0A, 2.2 kW		
	3 PH, 380V-480V, 47-63Hz, 5.8A			
GD200-004G-4	3 PH, 380V(-15%)-400V(+10%), 47-63Hz, 13.5A	3 PH, 0V-Uinput, 0-400Hz, 9.5A, 4.0KW	B: 263x146x181	
	3 PH, 380V-480V, 47-63Hz, 13.5A			
GD200-5R5P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 19.5A	3 PH, 0V-Uinput, 0-400Hz, 14.0A, 5.5 kW		
	3 PH, 380V-480V, 47-63Hz, 19.5A			
GD200-5R5G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 19.5A	3 PH, 0V-Uinput, 0-400Hz, 14.0A, 5.5 kW		
	3 PH, 380V-480V, 47-63Hz, 19.5A			
GD200-7R5P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 25.0A	3 PH, 0V-Uinput, 0-400Hz, 18.5A, 7.5 kW		
	3 PH, 380V-480V, 47-63Hz, 25.0A			
GD200-7R5G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 25.0A	3 PH, 0V-Uinput, 0-400Hz, 18.5A, 7.5 kW	C: 331.5x170.0x216.2	
	3 PH, 380V-480V, 47-63Hz, 25.0A			
GD200-011P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 32.0A	3 PH, 0V-Uinput, 0-400Hz, 25.0A, 11.0 kW		
	3 PH, 380V-480V, 47-63Hz, 32.0A			
GD200-011G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 32.0A	3 PH, 0V-Uinput, 0-400Hz, 25.0A, 11.0 kW		
	3 PH, 380V-480V, 47-63Hz, 32.0A			
GD200-015P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 40.0A	3 PH, 0V-Uinput, 0-400Hz, 32.0A, 15.0 kW		
	3 PH, 380V-480V, 47-63Hz, 40.0A			
GD200-015G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 40.0A	3 PH, 0V-Uinput, 0-400Hz, 32.0A, 15.0 kW		
	3 PH, 380V-480V, 47-63Hz, 40.0A			
GD200-018P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 47A	3 PH, 0V-Uinput, 0-400Hz, 38.0A, 18.5 kW		D: 342x230x216
	3 PH, 380V-480V, 47-63Hz, 47A			
GD200-018G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 47A	3 PH, 0V-Uinput, 0-400Hz, 38.0A, 18.5 kW		
	3 PH, 380V-480V, 47-63Hz, 47A			
GD200-022P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 56A	3 PH, 0V-Uinput, 0-400Hz, 45.0A, 22 kW		
	3 PH, 380V-480V, 47-63Hz, 56A			

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Model No.	Rated Input	Rated output*	Size (mm)	
GD35-004G-4-A1, GD35-004G-4-B1, GD35-004G-4-C1, GD35-004G-4-D1, GD35-004G-4-H1	3 PH, 380V(-15%)- 440V(+10%), 47-63Hz, 13.5A	3 PH, 0V-Uinput, 0-400Hz, 9.5A, 4.0KW	B: 263x146x181	
	3 PH, 380V-480V, 47-63Hz, 13.5A			
GD35-5R5G-4-A1, GD35-5R5G-4-B1, GD35-5R5G-4-C1, GD35-5R5G-4-D1, GD35-5R5G-4-H1	3 PH, 380V(-15%)- 440V(+10%), 47-63Hz, 19.5A	3 PH, 0V-Uinput, 0-400Hz, 14.0A, 5.5 kW		
	3 PH, 380V-480V, 47-63Hz, 19.5A			
GD35-7R5G-4-A1, GD35-7R5G-4-B1, GD35-7R5G-4-C1, GD35-7R5G-4-D1, GD35-7R5G-4-H1	3 PH, 380V(-15%)- 440V(+10%), 47-63Hz, 25.0A	3 PH, 0V-Uinput, 0-400Hz, 18.5A, 7.5 kW		C: 331.5x170.0x216.2
	3 PH, 380V-480V, 47-63Hz, 25.0A			
GD35-011G-4-A1, GD35-011G-4-B1, GD35-011G-4-C1, GD35-011G-4-D1, GD35-011G-4-H1	3 PH, 380V(-15%)- 440V(+10%), 47-63Hz, 32.0A	3 PH, 0V-Uinput, 0-400Hz, 25.0A, 11.0 kW		
	3 PH, 380V-480V, 47-63Hz, 32.0A			
GD35-015G-4-A1, GD35-015G-4-B1, GD35-015G-4-C1, GD35-015G-4-D1, GD35-015G-4-H1	3 PH, 380V(-15%)- 440V(+10%), 47-63Hz, 40.0A	3 PH, 0V-Uinput, 0-400Hz, 32.0A, 15.0 kW	D: 342x230x216	
	3 PH, 380V-480V, 47-63Hz, 40.0A			

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Model No.	Rated Input	Rated Output	Size (mm)	
GD200A-0R7G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 3.4A	3 PH, 0V-Uinput, 0-400Hz, 2.5A, 0.75 kW	E: 186x126x155	
	3 PH, 380V-480V, 47-63Hz, 3.4A			
GD200A-1R5G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 5.0A	3 PH, 0V-Uinput, 0-400Hz, 3.7A, 1.5 kW		
	3 PH, 380V-480V, 47-63Hz, 5.0A			
GD200A-2R2G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 5.8A	3 PH, 0V-Uinput, 0-400Hz, 5.0A, 2.2 kW		
	3 PH, 380V-480V, 47-63Hz, 5.8A			
GD200A-004G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 13.5A	3 PH, 0V-Uinput, 0-400Hz, 9.5A, 4.0kW		
	3 PH, 380V-480V, 47-63Hz, 13.5A			
GD200A-5R5P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 19.5A	3 PH, 0V-Uinput, 0-400Hz, 14.0A, 5.5 kW		F: 256x146x171
	3 PH, 380V-480V, 47-63Hz, 19.5A			
GD200A-5R5G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 19.5A	3 PH, 0V-Uinput, 0-400Hz, 14.0A, 5.5 kW		
	3 PH, 380V-480V, 47-63Hz, 19.5A			
GD200A -7R5P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 25.0A	3 PH, 0V-Uinput, 0-400Hz, 18.5A, 7.5 kW		
	3 PH, 380V-480V, 47-63Hz, 25.0A			
GD200A-7R5G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 25.0A	3 PH, 0V-Uinput, 0-400Hz, 18.5A, 7.5 kW		
	3 PH, 380V-480V, 47-63Hz, 25.0A			
GD200A-011P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 32.0A	3 PH, 0V-Uinput, 0-400Hz, 25.0A, 11.0 kW		
	3 PH, 380V-480V, 47-63Hz, 32.0A			
GD200A-011G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 32.0A	3 PH, 0V-Uinput, 0-400Hz, 25.0A, 11.0 kW	G: 320x170.0x199.6	
	3 PH, 380V-480V, 47-63Hz, 32.0A			
GD200A-015P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 40.0A	3 PH, 0V-Uinput, 0-400Hz, 32.0A, 15.0 kW		
	3 PH, 380V-480V, 47-63Hz, 40.0A			
GD200A-015G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 40.0A	3 PH, 0V-Uinput, 0-400Hz, 32.0A, 15.0 kW		
	3 PH, 380V-480V, 47-63Hz, 40.0A			
GD200A-018P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 47A	3 PH, 0V-Uinput, 0-400Hz, 38.0A, 18.5 kW		
	3 PH, 380V-480V, 47-63Hz, 47A			
GD200A-018G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 47A	3 PH, 0V-Uinput, 0-400Hz, 38.0A, 18.5 kW		H: 342x230x 219.4
	3 PH, 380V-480V, 47-63Hz, 47A			
GD200A-022P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 56A	3 PH, 0V-Uinput, 0-400Hz, 45.0A, 22 kW		
	3 PH, 380V-480V, 47-63Hz, 56A			

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Model No.	Rated Input	Rated Output *	Size (mm)
GD350A-1R5G/2R2P-4	3PH, 380-480V, 47-63Hz, 5/5.8A	3PH, 0-Uinput, 0-400Hz, 3.7/5A, 1.5/2.2kW	I: 186 x126 x185
	3PH, 380V(-15%)- 440V(+10%), 47-63Hz, 5/5.8A		
GD350A-2R2G/003P-4	3PH, 380-480V, 47-63Hz, 5.8/11 A	3PH, 0-Uinput, 0-400Hz, 5/7A, 2.2/3kW	
	3PH, 380V(-15%)- 440V(+10%), 47-63Hz, 5.8/11A		
GD350A-004G/5R5P-4	3PH, 380-480V, 47-63Hz, 13.5/19.5A	3PH, 0-Uinput, 0-400Hz, 9.5/12.5A, 4/5.5kW	J: 186 x126 x201
	3PH, 380V(-15%)- 440V(+10%), 47-63Hz, 13.5/19.5A		
GD350A-5R5G/7R5P-4	3PH, 380-480V, 47-63Hz, 19.5/23A	3PH, 0-Uinput, 0-400Hz, 14/17A, 5.5/7.5kW	
	3PH, 380V(-15%)- 440V(+10%), 47-63Hz, 19.5/23A		
GD350A-7R5G/011P-4	3PH, 380-480V, 47-63Hz, 25/30A	3PH, 0-Uinput, 0-400Hz, 18.5/23A, 7.5/11kW	K: 256 x146x192
	3PH, 380V(-15%)- 440V(+10%), 47-63Hz, 25/30A		
GD350A-011G/015P-4	3PH, 380-480V, 47-63Hz, 32/40A	3PH, 0-Uinput, 0-400Hz, 25/32A, 11/15kW	L: 320 x170 x220
	3PH, 380V(-15%)- 440V(+10%), 47-63Hz, 32/40A		
GD350A-015G/018P-4	3PH, 380-480V, 47-63Hz, 40/45A	3PH, 0-Uinput, 0-400Hz, 32/38A, 15/18Kw	
	3PH, 380V(-15%)- 440V(+10%), 47-63Hz, 40/45A		

* Remark: Uinput - Rated Input Voltage

Tested according to: EN 61800-5-1:2007/A1:2017

Production Facility(ies): 096972