

# Attestation of Conformity

No. N8AUK 072237 0130 Rev. 00

**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 Electrical Equipment (Safety) Regulations 2016 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 regulations 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64105223045201

**Date,** 2022-06-23



( Frank Zhu )

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**Model(s):**

GD300-022G-4, GD300-030P-4, GD300-030G-4,  
GD300-037P-4, GD300-037G-4, GD300-045P-4,  
GD300-045G-4, GD300-055P-4, GD300-055G-4,  
GD300-075P-4, GD300-075G-4, GD300-090P-4,  
GD300-090G-4, GD300-110P-4, GD300-110G-4,  
GD300-132P-4, GD200-022G-4, GD200-030P-4,  
GD200-022G/030P-4, GD200-030G-4, GD200-037P-4,  
GD200-030G/037P-4, GD200-037G-4, GD200-045P-4,  
GD200-037G/045P-4, GD200-045G-4, GD200-055P-4,  
GD200-045G/055P-4, GD200-055G-4, GD200-075P-4,  
GD200-055G/075P-4, GD200-075G-4, GD200-090P-4,  
GD200-075G/090P-4, GD200-090G-4, GD200-110P-4,  
GD200-090G/110P-4, GD200-110G-4, GD200-132P-4,  
GD200-110G/132P-4, GD200A-022G-4, GD200A-030P-4,  
GD200A-022G/030P-4, GD200A-030G-4, GD200A-037P-4,  
GD200A-030G/037P-4, GD200A-037G-4, GD200A-045P-4,  
GD200A-037G/045P-4, GD200A-045G-4, GD200A-055P-4,  
GD200A-045G/055P-4, GD200A-055G-4, GD200A-075P-4,  
GD200A-055G/075P-4, GD200A-075G-4, GD200A-090P-4,  
GD200A-075G/090P-4, GD200A-090G-4, GD200A-110P-4,  
GD200A-090G/110P-4, GD200A-110G-4, GD200A-132P-4,  
GD200A-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
Degree of Protection:	IP 20
Rated Operating time:	Continuous
Construction:	Built-in

## 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.
- 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.

## Tested according to:

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

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**Parameters:**

Model	Rated Input	Rated Output
GD300-022G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 56A	3 PH, 0V-Uinput, 0-400Hz, 45A, 22kW
	3 PH, 380V-480V, 47-63Hz, 56A	
GD300-030P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 70A	3 PH, 0V-Uinput, 0-400Hz, 60A, 30kW
	3 PH, 380V-480V, 47-63Hz, 70A	
GD300-030G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 70A	3 PH, 0V-Uinput, 0-400Hz, 60A, 30kW
	3 PH, 380V-480V, 47-63Hz, 70A	
GD300-037P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 80A	3 PH, 0V-Uinput, 0-400Hz, 75A, 37kW
	3 PH, 380V-480V, 47-63Hz, 80A	
GD300-037G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 80A	3 PH, 0V-Uinput, 0-400Hz, 75A, 37kW
	3 PH, 380V-480V, 47-63Hz, 80A	
GD300-045P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 94A	3 PH, 0V-Uinput, 0-400Hz, 92A, 45kW
	3 PH, 380V-480V, 47-63Hz, 94A	
GD300-045G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 94A	3 PH, 0V-Uinput, 0-400Hz, 92A, 45kW
	3 PH, 380V-480V, 47-63Hz, 94A	
GD300-055P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 128A	3 PH, 0V-Uinput, 0-400Hz, 115A, 55kW
	3 PH, 380V-480V, 47-63Hz, 128A	
GD300-055G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 128A	3 PH, 0V-Uinput, 0-400Hz, 115A, 55kW
	3 PH, 380V-480V, 47-63Hz, 128A	
GD300-075P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 160A	3 PH, 0V-Uinput, 0-400Hz, 150A, 75kW
	3 PH, 380V-480V, 47-63Hz, 160A	
GD300-075G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 160A	3 PH, 0V-Uinput, 0-400Hz, 150A, 75kW
	3 PH, 380V-480V, 47-63Hz, 160A	
GD300-090P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 190A	3 PH, 0V-Uinput, 0-400Hz, 180A, 90kW
	3 PH, 380V-480V, 47-63Hz, 190A	
GD300-090G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 190A	3 PH, 0V-Uinput, 0-400Hz, 180A, 90kW
	3 PH, 380V-480V, 47-63Hz, 190A	
GD300-110P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 225A	3 PH, 0V-Uinput, 0-400Hz, 215A, 110kW
	3 PH, 380V-480V, 47-63Hz, 225A	
GD300-110G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 225A	3 PH, 0V-Uinput, 0-400Hz, 215A, 110kW
	3 PH, 380V-480V, 47-63Hz, 225A	
GD300-132P-4	3 PH, 380V(-15%)-400V(+10%), 47-63Hz, 265A	3 PH, 0V-Uinput, 0-400Hz, 260A, 132kW
	3 PH, 380V-480V, 47-63Hz, 265A	

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Model	Rated Input	Rated Output
GD200-022G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 56A	3 PH, 0V-Uinput, 0-400Hz, 45A, 22kW
	3 PH, 380V-480V, 47-63Hz, 56A	
GD200-030P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,70A	3 PH, 0V-Uinput, 0-400Hz, 60A, 30kW
	3 PH, 380V-480V, 47-63Hz, 70A	
GD200-022G/030P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 56/70A	3 PH, 0V-Uinput, 0-400Hz, 45/60A, 22/30kW
	3 PH, 380V-480V, 47-63Hz, 56/70A	
GD200-030G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,70A	3 PH, 0V-Uinput, 0-400Hz, 60A, 30kW
	3 PH, 380V-480V, 47-63Hz, 70A	
GD200-037P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,80A	3 PH, 0V-Uinput, 0-400Hz, 75A, 37kW
	3 PH, 380V-480V, 47-63Hz, 80A	
GD200-030G/037P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 70/80A	3 PH, 0V-Uinput, 0-400Hz, 60/75A, 30/37kW
	3 PH, 380V-480V, 47-63Hz, 70/80A	
GD200-037G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,80A	3 PH, 0V-Uinput, 0-400Hz, 75A, 37kW
	3 PH, 380V-480V, 47-63Hz, 80A	
GD200-045P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,94A	3 PH, 0V-Uinput, 0-400Hz, 92A, 45kW
	3 PH, 380V-480V, 47-63Hz, 94A	
GD200-037G/045P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 80/94A	3 PH, 0V-Uinput, 0-400Hz, 75/92A, 37/45kW
	3 PH, 380V-480V, 47-63Hz, 80/94A	
GD200-045G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,94A	3 PH, 0V-Uinput, 0-400Hz, 92A, 45kW
	3 PH, 380V-480V, 47-63Hz, 94A	
GD200-055P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,128A	3 PH, 0V-Uinput, 0-400Hz, 115A, 55kW
	3 PH, 380V-480V, 47-63Hz, 128A	
GD200-045G/055P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 94/128A	3 PH, 0V-Uinput, 0-400Hz, 92/115A, 45/55kW
	3 PH, 380V-480V, 47-63Hz, 94/128A	
GD200-055G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,128A	3 PH, 0V-Uinput, 0-400Hz, 115A, 55kW
	3 PH, 380V-480V, 47-63Hz, 128A	
GD200-075P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,160A	3 PH, 0V-Uinput, 0-400Hz, 150A, 75kW
	3 PH, 380V-480V, 47-63Hz, 160A	
GD200-055G/075P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 128/160A	3 PH, 0V-Uinput, 0-400Hz, 115/150A, 55/75kW
	3 PH, 380V-480V, 47-63Hz, 128/160A	
GD200-075G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz,160A	3 PH, 0V-Uinput, 0-400Hz, 150A, 75kW
	3 PH, 380V-480V, 47-63Hz, 160A	

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GD200-090P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 190A	3 PH, 0V-Uinput, 0-400Hz, 180A, 90kW
	3 PH, 380V-480V, 47-63Hz, 190A	
GD200-075G/090P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 160/190A	3 PH, 0V-Uinput, 0-400Hz, 150/180A, 75/90kW
	3 PH, 380V-480V, 47-63Hz, 160/190A	
GD200-090G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 190A	3 PH, 0V-Uinput, 0-400Hz, 180A, 90kW
	3 PH, 380V-480V, 47-63Hz, 190A	
GD200-110P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 225A	3 PH, 0V-Uinput, 0-400Hz, 215A, 110kW
	3 PH, 380V-480V, 47-63Hz, 225A	
GD200-090G/110P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 190/225A	3 PH, 0V-Uinput, 0-400Hz, 180/215A, 90/110kW
	3 PH, 380V-480V, 47-63Hz, 190/225A	
GD200-110G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 225A	3 PH, 0V-Uinput, 0-400Hz, 215A, 110kW
	3 PH, 380V-480V, 47-63Hz, 225A	
GD200-132P-4	3 PH, 380V(-15%)-400V(+10%), 47-63Hz, 265A	3 PH, 0V-Uinput, 0-400Hz, 260A, 132kW
	3 PH, 380V-480V, 47-63Hz, 265A	
GD200-110G/132P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 225/265A	3 PH, 0V-Uinput, 0-400Hz, 215/260A, 110/132kW
	3 PH, 380V-480V, 47-63Hz, 225/265A	

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Model	Rated Input	Rated Output
GD200A-022G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 56A	3 PH, 0V-Uinput, 0-400Hz, 45A, 22kW
	3 PH, 380V-480V, 47-63Hz, 56A	
GD200A-030P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 70A	3 PH, 0V-Uinput, 0-400Hz, 60A, 30kW
	3 PH, 380V-480V, 47-63Hz, 70A	
GD200A-022G/030P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 56/70A	3 PH, 0V-Uinput, 0-400Hz, 45/60A, 22/30kW
	3 PH, 380V-480V, 47-63Hz, 56/70A	
GD200A-030G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 70A	3 PH, 0V-Uinput, 0-400Hz, 60A, 30kW
	3 PH, 380V-480V, 47-63Hz, 70A	
GD200A-037P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 80A	3 PH, 0V-Uinput, 0-400Hz, 75A, 37kW
	3 PH, 380V-480V, 47-63Hz, 80A	
GD200A-030G/037P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 70/80A	3 PH, 0V-Uinput, 0-400Hz, 60/75A, 30/37kW
	3 PH, 380V-480V, 47-63Hz, 70/80A	
GD200A-037G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 80A	3 PH, 0V-Uinput, 0-400Hz, 75A, 37kW
	3 PH, 380V-480V, 47-63Hz, 80A	
GD200A-045P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 94A	3 PH, 0V-Uinput, 0-400Hz, 92A, 45kW
	3 PH, 380V-480V, 47-63Hz, 94A	
GD200A-037G/045P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 80/94A	3 PH, 0V-Uinput, 0-400Hz, 75/92A, 37/45kW
	3 PH, 380V-480V, 47-63Hz, 80/94A	
GD200A-045G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 94A	3 PH, 0V-Uinput, 0-400Hz, 92A, 45kW
	3 PH, 380V-480V, 47-63Hz, 94A	
GD200A-055P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 128A	3 PH, 0V-Uinput, 0-400Hz, 115A, 55kW
	3 PH, 380V-480V, 47-63Hz, 128A	
GD200A-045G/055P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 94/128A	3 PH, 0V-Uinput, 0-400Hz, 92/115A, 45/55kW
	3 PH, 380V-480V, 47-63Hz, 94/128A	
GD200A-055G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 128A	3 PH, 0V-Uinput, 0-400Hz, 115A, 55kW
	3 PH, 380V-480V, 47-63Hz, 128A	
GD200A-075P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 160A	3 PH, 0V-Uinput, 0-400Hz, 150A, 75kW
	3 PH, 380V-480V, 47-63Hz, 160A	
GD200A-055G/075P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 128/160A	3 PH, 0V-Uinput, 0-400Hz, 115/150A, 55/75kW
	3 PH, 380V-480V, 47-63Hz, 128/160A	
GD200A-075G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 160A	3 PH, 0V-Uinput, 0-400Hz, 150A, 75kW
	3 PH, 380V-480V, 47-63Hz, 160A	

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GD200A-090P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 190A	3 PH, 0V-Uinput, 0-400Hz, 180A, 90kW
	3 PH, 380V-480V, 47-63Hz, 190A	
GD200A-075G/090P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 160/190A	3 PH, 0V-Uinput, 0-400Hz, 150/180A, 75/90kW
	3 PH, 380V-480V, 47-63Hz, 160/190A	
GD200A-090G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 190A	3 PH, 0V-Uinput, 0-400Hz, 180A, 90kW
	3 PH, 380V-480V, 47-63Hz, 190A	
GD200A-110P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 225A	3 PH, 0V-Uinput, 0-400Hz, 215A, 110kW
	3 PH, 380V-480V, 47-63Hz, 225A	
GD200A-090G/110P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 190/225A	3 PH, 0V-Uinput, 0-400Hz, 180/215A, 90/110kW
	3 PH, 380V-480V, 47-63Hz, 190/225A	
GD200A-110G-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 225A	3 PH, 0V-Uinput, 0-400Hz, 215A, 110kW
	3 PH, 380V-480V, 47-63Hz, 225A	
GD200A-132P-4	3 PH, 380V(-15%)-400V(+10%), 47-63Hz, 265A	3 PH, 0V-Uinput, 0-400Hz, 260A, 132kW
	3 PH, 380V-480V, 47-63Hz, 265A	
GD200A-110G/132P-4	3 PH, 380V(-15%)-440V(+10%), 47-63Hz, 225/265A	3 PH, 0V-Uinput, 0-400Hz, 215/260A, 110/132kW
	3 PH, 380V-480V, 47-63Hz, 225/265A	

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