



Product Service

CERTIFICATE

No. B 12 01 72237 041

Holder of Certificate: Shenzhen INVT Electric Co., Ltd.

No.4 Building, Gaofa Industrial Park
Longjing, Nanshan District
518055 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. See also notes overleaf.

Test report no.:

682301104002

**Date,** 2012-01-19

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(Kenneth Lau)



Product Service

CERTIFICATE**No. B 12 01 72237 041****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,
 GD200-030G-4, GD200-037P-4, GD200-037G-4,
 GD200-045P-4, GD200-045G-4, GD200-055P-4,
 GD200-055G-4, GD200-075P-4, GD200-075G-4,
 GD200-090P-4, GD200-090G-4, GD200-110P-4,
 GD200-110G-4, GD200-132P-4

Parameters:

Rated Input Voltage : 3PH, 400VAC, 47-63Hz

Rated Input Current : see page 3 for details

Rated Output Voltage : 3PH, 0-400V, 0-400Hz

Rated Output Current : see page 3 for details

Supply Tolerance : $\pm 15\%$

Installation : BDM

Protection Class : I

Degree of Protection : IP20

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

**Tested
according to:**

EN 61800-5-1:2007

**Production
Facility(ies):**

77238

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CERTIFICATE

No. B 12 01 72237 041



Product Service

Model No.	Rated Input	Rated Output
GD300-022G-4	3 PH, 400V, 47-63Hz, 56A	3 PH, 0-400V, 0-400Hz, 45A, 22 KW
GD300-030P-4	3 PH, 400V, 47-63Hz, 70A	3 PH, 0-400V, 0-400Hz, 60A, 30 KW
GD300-030G-4	3 PH, 400V, 47-63Hz, 70A	3 PH, 0-400V, 0-400Hz, 60A, 30 KW
GD300-037P-4	3 PH, 400V, 47-63Hz, 80A	3 PH, 0-400V, 0-400Hz, 75A, 37 KW
GD300-037G-4	3 PH, 400V, 47-63Hz, 80A	3 PH, 0-400V, 0-400Hz, 75A, 37 KW
GD300-045P-4	3 PH, 400V, 47-63Hz, 94A	3 PH, 0-400V, 0-400Hz, 90A, 45 KW
GD300-045G-4	3 PH, 400V, 47-63Hz, 94A	3 PH, 0-400V, 0-400Hz, 90A, 45 KW
GD300-055P-4	3 PH, 400V, 47-63Hz, 128A	3 PH, 0-400V, 0-400Hz, 110A, 55 KW
GD300-055G-4	3 PH, 400V, 47-63Hz, 128A	3 PH, 0-400V, 0-400Hz, 110A, 55 KW
GD300-075P-4	3 PH, 400V, 47-63Hz, 160A	3 PH, 0-400V, 0-400Hz, 150A, 75 KW
GD300-075G-4	3 PH, 400V, 47-63Hz, 160A	3 PH, 0-400V, 0-400Hz, 150A, 75 KW
GD300-090P-4	3 PH, 400V, 47-63Hz, 190A	3 PH, 0-400V, 0-400Hz, 176A, 90 KW
GD300-090G-4	3 PH, 400V, 47-63Hz, 190A	3 PH, 0-400V, 0-400Hz, 176A, 90 KW
GD300-110P-4	3 PH, 400V, 47-63Hz, 225A	3 PH, 0-400V, 0-400Hz, 210A, 110 KW
GD300-110G-4	3 PH, 400V, 47-63Hz, 225A	3 PH, 0-400V, 0-400Hz, 210A, 110 KW
GD300-132P-4	3 PH, 400V, 47-63Hz, 265A	3 PH, 0-400V, 0-400Hz, 260A, 132 KW
GD200-022G-4	3 PH, 400V, 47-63Hz, 56A	3 PH, 0-400V, 0-400Hz, 45A, 22 KW
GD200-030P-4	3 PH, 400V, 47-63Hz, 70A	3 PH, 0-400V, 0-400Hz, 60A, 30 KW
GD200-030G-4	3 PH, 400V, 47-63Hz, 70A	3 PH, 0-400V, 0-400Hz, 60A, 30 KW
GD200-037P-4	3 PH, 400V, 47-63Hz, 80A	3 PH, 0-400V, 0-400Hz, 75A, 37KW
GD200-037G-4	3 PH, 400V, 47-63Hz, 80A	3 PH, 0-400V, 0-400Hz, 75A, 37 KW
GD200-045P-4	3 PH, 400V, 47-63Hz, 94A	3 PH, 0-400V, 0-400Hz, 90A, 45 KW
GD200-045G-4	3 PH, 400V, 47-63Hz, 94A	3 PH, 0-400V, 0-400Hz, 90A, 45 KW
GD200-055P-4	3 PH, 400V, 47-63Hz, 128A	3 PH, 0-400V, 0-400Hz, 110A, 55 KW
GD200-055G-4	3 PH, 400V, 47-63Hz, 128A	3 PH, 0-400V, 0-400Hz, 110A, 55 KW
GD200-075P-4	3 PH, 400V, 47-63Hz, 160A	3 PH, 0-400V, 0-400Hz, 150A, 75 KW
GD200-075G-4	3 PH, 400V, 47-63Hz, 160A	3 PH, 0-400V, 0-400Hz, 150A, 75 KW
GD200-090P-4	3 PH, 400V, 47-63Hz, 190A	3 PH, 0-400V, 0-400Hz, 176A, 90 KW
GD200-090G-4	3 PH, 400V, 47-63Hz, 190A	3 PH, 0-400V, 0-400Hz, 176A, 90 KW
GD200-110P-4	3 PH, 400V, 47-63Hz, 225A	3 PH, 0-400V, 0-400Hz, 210A, 110 KW
GD200-110G-4	3 PH, 400V, 47-63Hz, 225A	3 PH, 0-400V, 0-400Hz, 210A, 110 KW
GD200-132P-4	3 PH, 400V, 47-63Hz, 265A	3 PH, 0-400V, 0-400Hz, 260A, 132 KW



Product Service

Attestation of Conformity

No. N8 12 01 72237 044

Holder of Certificate: Shenzhen INVT Electric Co., Ltd.

No.4 Building, Gaofa Industrial Park
Longjing, Nanshan District
518055 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 2006/95/EC 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. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 682301104002**Date,** 2012-01-19
(Kenneth Lau)

After preparation of the necessary technical documentation as well as the EC conformity declaration the required CE marking can be affixed on the product. Other relevant directives have to be observed.

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 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,
 GD200-030G-4, GD200-037P-4, GD200-037G-4,
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 GD200-090P-4, GD200-090G-4, GD200-110P-4,
 GD200-110G-4, GD200-132P-4

Parameters:

Rated Input Voltage : 3PH, 400VAC, 47-63Hz
 Rated Input Current : see page 3 for details
 Rated Output Voltage : 3PH, 0-400V, 0-400Hz
 Rated Output Current : see page 3 for details
 Supply Tolerance : $\pm 15\%$
 Installation : BDM
 Protection Class : I
 Degree of Protection : IP20

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.
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