



Product Service

Attestation of Conformity

No. N8 10 04 72237 024

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.: 68210002501**Date,** 2010-04-12
(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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**CHV180-004G-4, CHV180-5R5G-4, CHV180-7R5G-4,
CHV180-011G-4, CHV180-015G-4, CHV180-018G-4,
CHV180-022G-4, CHV180-030G-4**

Parameters:

Rated Input Voltage : 3PH, 400VAC, 50/60Hz

Rated Input Current : 10A [CHV180-004G-4];
15A [CHV180-5R5G-4];
20A [CHV180-7R5G-4];
26A [CHV180-011G-4];
35A [CHV180-015G-4];
38A [CHV180-018G-4];
46A [CHV180-022G-4];
62A [CHV180-030G-4]

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

Rated Output Current : 9A [CHV180-004G-4];
13A [CHV180-5R5G-4];
17A [CHV180-7R5G-4];
25A [CHV180-011G-4];
32A [CHV180-015G-4];
37A [CHV180-018G-4];
45A [CHV180-022G-4];
60A [CHV180-030G-4]

Supply Tolerance : $\pm 15\%$

Installation : BDM

Protection Class : I

Degree of Protection
against Ingress of

Dust and Liquid : IP20

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.
- The 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.
- These frequency inverters have no over current protective device. For safety operation, a suitable external circuit breaker must be employed before installation.
- These frequency inverters are considered to be used in overvoltage categories II occasion, for safety operation, a suitable external SPD (Surge protective device) must be employed before installation.

**Tested
according to:**

EN 61800-5-1:2007

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