



Product Service

Attestation of Conformity

No. N8 10 08 72237 027**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
(Electronic 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.:

682101011901

**Date,** 2010-08-25

(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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Model(s): CHF100A-1R5G-S2, CHF100A-2R2G-S2,
CHF100A-0R7G-2, CHF100A-1R5G-2,
CHF100A-2R2G-2, CHF100A-1R5G-4,
CHF100A-2R2G-4

Parameters:

Rated Input Voltage : 230VAC, 50/60Hz [CHF100A-1R5G-S2,
CHF100A-2R2G-S2];
3PH, 230VAC, 50/60Hz
[CHF100A-0R7G-2, CHF100A-1R5G-2,
CHF100A-2R2G-2];
3PH, 400VAC, 50/60Hz
[CHF100A-1R5G-4, CHF100A-2R2G-4]

Rated Input Current : see page 3 for details

Rated Output : see page 3 for details

Supply Tolerance : $\pm 15\%$

Installation : BDM

Protection Class : I

Degree of Protection
against Ingress of
Dust and Liquid : 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

CERTIFICATE
No: N8 10 08 72237 027



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Model No.	Rated input	Rated output
CHF100A-1R5G-S2	230V 50/60Hz, 14.2A	3 PH, 0-230V, 0-400Hz, 7.0A, 1.5KW
CHF100A-2R2G-S2	230V 50/60Hz, 23.0 A	3 PH, 0-230V, 0-400Hz, 10A, 2.2 KW
CHF100A-0R7G-2	3 PH, 230V 50/60Hz, 5.0 A	3 PH, 0-230V, 0-400Hz, 4.5A, 0.75 KW
CHF100A-1R5G-2	3 PH, 230V 50/60Hz, 7.7 A	3 PH, 0-230V, 0-400Hz, 7A, 1.5 KW
CHF100A-2R2G-2	3 PH, 230V 50/60Hz, 11.0 A	3 PH, 0-230V, 0-400Hz, 10A, 2.2 KW
CHF100A-1R5G-4	3 PH, 400V 50/60Hz, 5.0 A	3 PH, 0-400V, 0-400Hz, 3.7A, 1.5 KW
CHF100A-2R2G-4	3 PH, 400V 50/60Hz, 5.8 A	3 PH, 0-400V, 0-400Hz, 5A, 2.2 KW