



Product Service

# Attestation of Conformity

No. N8 10 09 72237 028

**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.:** 682101011701



**Date,** 2010-09-21

( Ashley Chan )



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-004G/5R5P-4, CHF100A-5R5G/7R5P-4,  
CHF100A-7R5G/011P-4, CHF100A-011G/015P-4,  
CHF100A-015G/018P-4, CHF100A-018G/022P-4,  
CHF100A-022G/030P-4, CHF100A-030G/037P-4,  
CHF100A-037G/045P-4, CHF100A-045G/055P-4,  
CHF100A-055G/075P-4, CHF100A-075G/090P-4,  
CHF100A-090G/110P-4, CHF100A-110G/132P-4

### Parameters:

Rated Input Voltage : 3PH, 400V, 50/60Hz  
Rated Input Current : see page 3 for details  
Rated Output Voltage : 3PH, 0-400V, 0-400Hz  
Rated Output Current : see page 3 for details  
Installation : BDM  
Protection Class : I  
Degree of Protection : IPX0 (CHF100A-004G/5R5P-4,  
CHF100A-5R5G/7R5P-4,  
CHF100A-7R5G/011P-4,  
CHF100A-011G/015P-4,  
CHF100A-015G/018P-4);  
IP20 (for other models)

Supply tolerance :  $\pm 15\%$

#### 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 09 72237 028**



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Model No.	Rated Input	Rated Output
CHF100A-004G/5R5P-4	3 PH, 400V, 50/60Hz, 10/15A	3 PH, 0-400V, 0-400Hz, 9/13A
CHF100A-5R5G/7R5P-4	3 PH, 400V, 50/60Hz, 15/20A	3 PH, 0-400V, 0-400Hz, 13/17A
CHF100A-7R5G/011P-4	3 PH, 400V, 50/60Hz, 20/26A	3 PH, 0-400V, 0-400Hz, 17/25A
CHF100A-011G/015P-4	3 PH, 400V, 50/60Hz, 26/35A	3 PH, 0-400V, 0-400Hz, 25/32A
CHF100A-015G/018P-4	3 PH, 400V, 50/60Hz, 35/38A	3 PH, 0-400V, 0-400Hz, 32/37A
CHF100A-018G/022P-4	3 PH, 400V, 50/60Hz, 38/46A	3 PH, 0-400V, 0-400Hz, 37/45A
CHF100A-022G/030P-4	3 PH, 400V, 50/60Hz, 46/62A	3 PH, 0-400V, 0-400Hz, 45/60A
CHF100A-030G/037P-4	3 PH, 400V, 50/60Hz, 62/76A	3 PH, 0-400V, 0-400Hz, 60/75A
CHF100A-037G/045P-4	3 PH, 400V, 50/60Hz, 76/90A	3 PH, 0-400V, 0-400Hz, 75/90A
CHF100A-045G/055P-4	3 PH, 400V, 50/60Hz, 90/105A	3 PH, 0-400V, 0-400Hz, 90/110A
CHF100A-055G/075P-4	3 PH, 400V, 50/60Hz, 105/140A	3 PH, 0-400V, 0-400Hz, 110/150A
CHF100A-075G/090P-4	3 PH, 400V, 50/60Hz, 140/160A	3 PH, 0-400V, 0-400Hz, 150/176A
CHF100A-090G/110P-4	3 PH, 400V, 50/60Hz, 160/210A	3 PH, 0-400V, 0-400Hz, 176/210A
CHF100A-110G/132P-4	3 PH, 400V, 50/60Hz, 210/240A	3 PH, 0-400V, 0-400Hz, 210/250A