



Product Service

# Attestation of Conformity

No. N8 10 01 72237 016

**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  
(Dynamic Braking Unit)

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.:** 68210921901**Date,** 2010-02-03

( 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):** DBU-055-4, DBU-160-4,  
 DBU-220-4, DBU-315-4

**Parameters:**

Rated Input Voltage : 580-750VDC  
 Rated Input Current : 55A [DBU-055-4];  
 160A [DBU-160-4];  
 220A [DBU-220-4];  
 315A [DBU-315-4]

Rated Output Voltage : 580-750VDC  
 Rated Output Current : 55A [DBU-055-4];  
 160A [DBU-160-4];  
 220A [DBU-220-4];  
 315A [DBU-315-4]

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 equipment has no overcurrent protective device. For safety operation, a suitable external circuit breaker must be employed before installation.
- Refer to the installation and operating instruction for details of installation and operating conditions.

**Tested**  
**according to:**

EN 61800-5-1:2007