

EC DECLARATION OF CONFORMITY

We, the undersigned,

Representative: **LS Industrial Systems Co., Ltd.**
Address: **LS Tower, Hogue-dong, Dongan-gu,
Anyang-si, Gyeonggi-do 1026-6,
Korea**

Manufacturer: **LS Industrial Systems Co., Ltd.**
Address: **181, Samsung-ri, Mokchon-Eup,
Chonan, Chungnam, 330-845,
Korea**

Certify and declare under our sole responsibility that the following apparatus:

Type of Equipment: **Inverter (Power Conversion Equipment)**

Model Name: **STARVERT-iS7 series**

Trade Mark: **LS Industrial Systems Co., Ltd.**

conforms with the essential requirements of the directives:

2006/95/EC Directive of the European Parliament and of the Council on the harmonisation of the laws of Member States relating to Electrical Equipment designed for use within certain voltage limits

2004/108/EC Directive of the European Parliament and of the Council on the approximation of the laws of the Member States relating to electromagnetic compatibility

based on the following specifications applied:

EN 61800-3:2004

EN 50178:1997

and therefore complies with the essential requirements and provisions of the 2006/95/CE and 2004/108/CE Directives.

Place: **Chonan, Chungnam,
Korea**

Handwritten signature and date: 06/02/2009

(Signature /Date)

Mr. Dok Ko Yong Chul/Factory Manager
(Full name / Position)

TECHNICAL STANDARDS APPLIED

The standards applied in order to comply with the essential requirements of the Directives 2006/95/CE "Electrical material intended to be used with certain limits of voltage" and 2004/108/CE "Electromagnetic Compatibility" are the following ones:

• EN 50178 (1997)	“Electronic equipment for use in power installations”.
• EN 61800-3 (2004)	“Adjustable speed electrical power drive systems. Part 3: EMC product standard including specific methods”
• EN 55011/A2 (2003)	“Industrial, scientific and medical (ISM) radio-frequency equipment. Radio disturbances characteristics. Limits and methods of measurement”
• EN61000-4-2/A2 (2001)	“Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 2: Electrostatic discharge immunity test.
• EN61000-4-3/A2 (2004)	“Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 3: Radiated, radiofrequency, electromagnetic field immunity test.
• EN61000-4-4/A2 (2002)	“Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 4: Electrical fast transients / burst immunity test.
• EN61000-4-5/A1 (2001)	“Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 5: Surge immunity test.
• EN61000-4-6/A1 (2001)	“Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 6: Immunity to conducted disturbances, induced by radio-frequency fields.
• CEI/TR 61000-2-1 (1990)	“Electromagnetic compatibility (EMC). Part 2: Environment. Environment description for low-frequency conducted disturbances and signalling in public low voltages supply systems”
• EN 61000-2-2 (2003)	“Electromagnetic compatibility (EMC). Part 2: Environment. Compatibility level for low-frequency conducted disturbances and signalling in public low voltages supply systems”
• EN 61000-2-4 (1997)	“Electromagnetic compatibility (EMC). Part 2: Environment. Compatibility level in industrial plants for low-frequency conducted disturbances”
• EN60146-1-1/A1 (1998)	“Semiconductor convertors. General requirements and line commutated convertors. Part 1-1: Specifications of basic requirements”