

# DECLARATION OF CONFORMITY

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Council Directive(s) to which conformity is declared:

**CD 73/23/EEC and CD 89/336/EEC**

Units are certified for compliance with:

**EN 61800-3/A11 (2000)  
EN 61000-4-2/A2 (2001)  
EN 61000-4-3/A2 (2001)  
EN 61000-4-4/A2 (2001)  
EN 61000-4-5/A1 (2001)  
EN 61000-4-6/A1 (2001)  
EN 55011/A2 (2002)  
EN 50178 (1997)  
IEC/TR 61000-2-1 (1990)  
EN 61000-2-4 (1994)  
EN 60146-1-1/A1 (1997)**

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

Model Name: **SV - iP5A Series**

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

Representative: **LG International (Deutschland) GmbH**  
Address: **Lyoner Strasse 15,  
Frankfurt am Main, 60528,  
Germany**

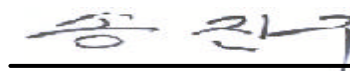
Manufacturer: **LG Industrial Systems Co., Ltd.**  
Address: **181, Samsung-ri, Mokchon-Eup,  
Chonan, Chungnam, 330-845,  
Korea**

**We, the undersigned, hereby declare that equipment specified above conforms to the Directives and Standards mentioned.**

Place: **Frankfurt am Main**  
**Germany**

**Chonan, Chungnam,**  
**Korea**

 20/02/09  
(Signature / Date)

 2004/02/10  
(Signature/Date)

**Mr. Ik-Seong Yang / Dept. Manager**  
(Full name / Title)

**Mr. Jin Goo Song / General Manager**  
(Full name / Title)

## **TECHNICAL STANDARDS APPLIED**

The standards applied in order to comply with the essential requirements of the Directives 73/23/CEE "Electrical material intended to be used with certain limits of voltage" and 89/336/CEE "Electromagnetic Compatibility" are the following ones:

• EN 50178 (1997)	"Electronic equipment for use in power installations".
• EN 61800-3/A11 (2000)	"Adjustable speed electrical power drive systems. Part 3: EMC product standard including specific methods"
• EN 55011/A2 (2002)	"Industrial, scientific and medical (ISM) radio-frequency equipment. Radio disturbances characteristics. Limits and methods of measurement"
• EN 61000-4-2/A2 (2001)	"Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 2: Electrostatic discharge immunity test.
• EN 61000-4-3/A2 (2001)	"Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 3: Radiated, radiofrequency, electromagnetic field immunity test.
• EN 61000-4-4/A2 (2001)	"Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 4: Electrical fast transients / burst immunity test.
• EN 61000-4-5/A1 (2000)	"Electromagnetic compatibility (EMC). Part 4: Testing and measurement techniques. Section 5: Surge immunity test.
• EN 61000-4-6/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 61000-2-4 (1997)	"Electromagnetic compatibility (EMC). Part 2: Environment. Compatibility level in industrial plants for low-frequency conducted disturbances"
• EN 60146-1-1/A1 (1997)	"Semiconductor converters. General requirements and line commutated converters. Part 1-1: Specifications of basic requirements"