DECLARATION OF CONFORMITY

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 61000-2-2 (2002)

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

Model Name: **SV - iG5A Series**

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

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

Manufacturer: **LS 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** **Chonan, Chungnam,**
Germany **Korea**

I. S. Yang 20/02/01
(Signature / Date)

2002/11/26
(Signature/Date)

Mr. Ik-Seong Yang / Dept. Manager **Mr. Jin Goo Song / General Manager**
(Full name / Position) (Full name / Position)

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 signaling in public low voltages supply systems"**
• EN 61000-2-2 (2002)	**"Electromagnetic compatibility (EMC). Part 2: Environment. Compatibility level for low-frequency conducted disturbances and signaling in public low voltages supply systems"**