

1.11 Declaración de conformidad

Declaration of Conformity

Konformitätserklärung

IPG Laser GmbH
Siemensstr. 7
D-57299 Burbach
Germany

IPG Laser GmbH declares that all fiber laser products are produced under ISO 9001:2000.

Product Name: High Power Fiber Laser, Model Series YLS (Ytterbium Laser System)

Model Number (s):

YLS-1000 (MM & SM versions) *)	1kW Fiber Laser System, cw, 1070 +/-10nm **)
YLS-2000 (MM & SM versions) *)	2kW Fiber Laser System, cw, 1070 +/-10nm **)
YLS-3000 (MM & SM versions) *)	3kW Fiber Laser System, cw, 1070 +/-10nm **)
YLS-4000 (MM & SM versions) *)	4kW Fiber Laser System, cw, 1070 +/-10nm **)
YLS-5000 (MM & SM versions) *)	5kW Fiber Laser System, cw, 1070 +/-10nm **)
YLS-6000 (MM & SM versions) *)	6kW Fiber Laser System, cw, 1070 +/-10nm **)
YLS-8000 (MM & SM versions) *)	8kW Fiber Laser System, cw, 1070 +/-10nm **)
YLS-10000 (MM & SM versions) *)	10kW Fiber Laser System, cw, 1070 +/-10nm **)
YLS-15000 (MM versions) *)	15kW Fiber Laser System, cw, 1070 +/-10nm **)
YLS-20000 (MM versions) *)	20kW Fiber Laser System, cw, 1070 +/-10nm **)

*) MM & SM abbreviations are used for different beam qualities; all power levels between fulfill the same standards as indicated below

**) included into this declaration are external or internal fiber-fiber-coupler and beam switches optionally delivered with the corresponding laser system.

IPG Laser GmbH confirms hereby that the appliance(s) listed below, fulfill the requirements of the harmonized EC Directives and EC Safety Standards that apply.
This declaration becomes invalidated if any modifications are made to the appliance(s) without our prior authorization.

EC-Directives

EC-Directive for low voltage: 73/23/EC

EC-EMC-Directive: 89/336/EC

Harmonized EN:

IEC EN 60825-1:2001-08 Laser safety

EN 60204-1:1997

EN 954-1 Cat. III Laser safety, Emergency Stop Safety

EN 55011 A Emission, interference voltage, E-field

EN 61000-3-2 (1995) + A1, A2, A14 Emission Harmonics

EN 61000-6-2 noise immunity after EN 61000-3, EN 61000-5, EN 61000-6

EN 61000-11

EN 61000-3-3 (1995) + A1 Flicker

All laser system fiber exits are Class 4 products as designated by IEC EN 60825-1.

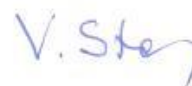
The products are specifically developed for the integration into other equipments or machines. It is the responsibility of the user, to make sure, that the fiber output or the optical processing head shall have a protective housing to ensure Class 1 according to IEC 60825:2001-08. The laser cabinet and Feeding/Process fibers are Laser Class 1.

Eugene Shcherbakov
Managing Director



Burbach, March 2009

Valerij Starschenko
ISO Quality Manager



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