



EU Declaration of Conformity

Application of Council Directive(s): 2014/30/EU Electromagnetic Compatibility Directive (EMCD)
 2014/35/EU Low Voltage Directive (LVD)
 2014/68/EU European Pressure Equipment Directive (PED)
 2011/65/EU Restriction of Hazardous Substances Directive (RoHS)

Standard(s) to which conformity is declared: EN 61326-1:2013 (EMC); EN 61326-2-3:2013 (EMC);
 EN 61010-1:2010 (Safety);
 PED Module SEP (Sound Engineering Practices); 2014
 EN 62471:2006 (Photobiological safety);

Emissions:

CISPR 11:2015 Industrial, Scientific and Medical Equipment Radio-Frequency Disturbance Characteristics - Limits and Methods of Measurement
 IEC 61000-3-2:2014 EMC/Limits for Harmonic Current Emission ⁽¹⁾
 IEC 61000-3-3:2013 EMC/Limitations of Voltage Fluctuations and Flicker in Low-Voltage Supply Systems ⁽²⁾
 IEC 61000-3-3:2013 EMC/Limitations of Voltage Fluctuations and Flicker in Low-Voltage Supply Systems ⁽³⁾
 EN 55011: 2009+A1:2010 ⁽⁴⁾
 FCC 47 CFR Part 18: 2015

Immunity:

IEC 61000-4-2:2008 EMC/Electrostatic Discharge Immunity Test
 IEC 61000-4-3:2006 2006+AMD1:2007+AMD2:2010 EMC/Radiated Radio - Frequency Electromagnetic Field Immunity Test
 IEC 61000-4-4:2012 EMC/Electrical Fast Transient/Burst Immunity Test
 IEC 61000-4-5:2014 EMC/Surge Immunity Test ⁽³⁾
 IEC 61000-4-6:2013 EMC/Conducted Disturbances induced by Radio Frequency Fields Immunity Test
 IEC 61000-4-8:2009 EMC/Power Frequency Magnetic Field Immunity Test
 IEC 61000-4-11:2004 EMC/Voltage Dips, Short Interruptions and Variations Immunity Test ⁽⁵⁾
 IEC 61000-4-34:2005+AMD1:2009 EMC/Voltage Dips, Short Interruptions and Variations Immunity Test ⁽⁵⁾

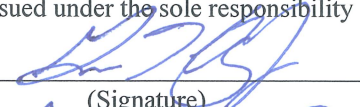
Manufacturers Name: MKS Instruments, Inc. Andover, MA, USA

Equipment Type/Description: Sol Series Solar Simulators

Model Number(s) ⁽⁶⁾: 94023A, 94043A, 94063A, 94083A, 94123A, 94123A-CPV, 94041A, 94061A, 94081A, 94042A, 94062A, 94082A

MKS confirms that, with respect to the products listed above, it believes it is in conformity with the selected European Union harmonization legislation. MKS product conforms to the above Directive(s) and Standard(s) only when installed in accordance with manufacturer's specifications. This declaration has been issued under the sole responsibility of the manufacturer.

Date: March 25, 2019



 (Signature)
 GENE KUNTZ JR.

 (Full Name)
 GM

 (Title)

1) Applicable to AC powered product only. Class B
 2) Applicable to AC powered product; DC powered connections must not connect to a D.C. distribution network; I/O Signal and Control Lines must be less than 30m and not exit the building.
 3) Applicable to AC powered product; DC powered connections and may connect to a D.C. distribution network.
 4) Class A, Group 2
 5) Applicable to AC powered product only.
 6) Compliance of the above model numbers requires the use of a braided shielded cable properly terminated at both ends – if so noted in the MKS Instruction Manual.