



EU Declaration of Conformity

**IMO Precision Controls Ltd
The Interchange,
Frobisher Way
Hatfield,
Hertfordshire,
AL10 9TG**

declare under our sole responsibility that the following product/s

**Power Supply Unit
DPS-1 followed by 100, 120...**

Basic part number followed by a varying length of alpha numerics to signify variant.

to which this declaration relates, are in conformity with the requirements of the following standards and other normative documents

LVD

**EN 60950-1:2006 + A2:2013 Information technology equipment. Safety.
General requirements**

EMC Emissions

**EN 61000-6-3:2007 + A1:2011 + AC:2012 Electromagnetic compatibility (EMC). Generic standards.
Emission standard for residential, commercial and light-industrial
environments**

**EN 61204-3:2000 Low voltage power supplies, d.c. output.
Electromagnetic compatibility (EMC)**

**EN 55022:2012 + AC:2013 Conducted emissions – Class B
EN 55022:2012 + AC:2013 Radiated emissions – Class B
EN 61000-3-2:2014 Harmonic distortions – Class A
EN 61000-3-3:2013 Voltage flicker**

EMC Immunity

**EN 61000-6-2:2005 + AC:2005 Electromagnetic compatibility (EMC). Generic standards.
Emission standard for residential, commercial and light-industrial
environments**

**EN 61204-3:2000 Low voltage power supplies, d.c. output.
Electromagnetic compatibility (EMC)**

**EN 55024:2010 + A1:2015 Information technology equipment. Immunity characteristics.
Limits and methods of measurement**

**IEC 61000-4-2 ESD air – Level 4 15kV
IEC 61000-4-2 ESD contact – Level 4 8kV
IEC 61000-4-3 RF field susceptibility – Level 3 10V/m
IEC 61000-4-4 EFT/burst – Level 4 4kV/5kHz
IEC 61000-4-5 Surge susceptibility – Level 3 2kV/L-N**

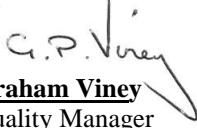
IEC 61000-4-6
IEC 61000-4-8
IEC 61000-4-11

Level 4 4kV/L-PE/N-PE
Injected current – Level 3 10Vrms
Power frequency magnetic field immunity – Level 4 30A/m
Voltage interruptions – >95% dip 10ms
30% dip 500ms
>95% interruption 5000ms

and therefore conform to the protection requirements of the Council Directives

2011/65/EU	relating to RoHS Directive
2014/30/EU	relating to Electromagnetic Compatibility
2014/35/EU	relating to Low Voltage Directive

Component power supplies will normally be installed into final equipment and since EMC performance will be effected by complete installation, the final equipment manufacturers must re-confirm EMC Directive compliance on the final installation.


Graham Viney
Quality Manager
IMO Precision Controls Ltd
Dated: 31/08/17