



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**

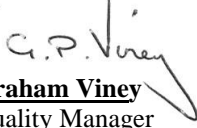
2014/30/EU

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