

RoHS Declaration

All FIDUS Power products conform to the RoHS directive 2015/863/ EU. FIDUS POWER is committed to keeping our records and supply chain up to date for our products placed on the EU market to ensure that they stay compliant. For ABB products please request on application.

<u>Test Item</u>	<u>Unit</u>	<u>Test method</u>	<u>Result</u>	<u>Limit</u>
Cadmium (Cd)	PPM	With reference to IEC 62321-5: 2013, by microwave or acid digestion	ND	2
Lead (Pb)	PPM	With reference to IEC 62321-5: 2013, by microwave or acid digestion	ND	2
Mercury (Hg)	PPM	With reference to IEC 62321-4 by microwave or acid digestion and	ND	2
Chromium VI(Cr ₆₊)	PPM	With reference to IEC 62321-7-2: 2017, organic solvent was used to dissolve or swell sample matrix, followed by alkaline digestion and determined by UV-Vis Spectrophotometer.	ND	8
Monobrominated Biphenyls	PPM	With reference to IEC 62321-6: 2015, by solvent extraction and determined by GC-MSand further HPLC-DAD confirmation where necessary	ND	5
Dibrominated Bi-	PPM		ND	5
Tribrominated Bi-phenyls	PPM		ND	5
Tetrabrominated	PPM		ND	5
Pentabrominated Biphenyls	PPM		ND	5
Hexabrominated Biphenyls	PPM		ND	5
Heptabrominated Biphenyls	PPM		ND	5
Octabrominated Biphenyls	PPM		ND	5
Nonabrominated Biphenyls	PPM		ND	5
Decabrominated Biphenyl	PPM		ND	5
Monobrominated Diphenyl Ethers	PPM	With reference to IEC 62321-6: 2015, by solvent extraction and determined by GC-MSand further HPLC-DAD confirmation where necessary	ND	5
Dibrominated Di-	PPM		ND	5
Tribrominated Di-phenyl Ethers	PPM		ND	5
Tetrabrominated	PPM		ND	5

<u>Test Item</u>	<u>Unit</u>	<u>Test method</u>	<u>Result</u>	<u>Limit</u>
Pentabrominated Diphenyl Ethers	PPM	With reference to IEC 62321-6: 2015, by solvent extraction and determined by GC-MS and further HPLC-DAD confirmation where necessary	ND	5
Hexabrominated Diphenyl Ethers	PPM		ND	5
Heptabrominated Diphenyl Ethers	PPM		ND	5
Octabrominated Diphenyl Ethers	PPM		ND	5
Nonabrominated Diphenyl Ethers	PPM		ND	5
Decabrominated Diphenyl Ether	PPM		ND	5
Di(2-ethylhexyl)	PPM		ND	50
Dibutyl Phthalate (DBP)	PPM	With reference to IEC 62321-8:2017, by solvent extraction and determined by GC-MS.	ND	50
Benzyl Butyl Phthalate (BBP)	PPM		ND	50
Diisobutyl Phthalate (DIBP)	PPM		ND	50

Where: PPM= Parts Per Million based on weight of tested sample = mg/Kg

ND = Not detected

Restricted Substances RoHS

	<u>Limit</u>
Cadmium (Cd) content	0.01% (100ppm)
Lead (Pb) content	0.1% (1000ppm)
Mercury (Hg) content	0.1% (1000ppm)
Chromium VI (Cr ₆₊) content	0.1% (1000ppm)
Polybrominated Biphenyls (PBBs)	0.1% (1000ppm)
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000ppm)
Di(2-ethylhexyl) Phthalate (DEHP)	0.1% (1000ppm)
Dibutyl Phthalate (DBP)	0.1% (1000ppm)
Benzyl Butyl Phthalate (BBP)	0.1% (1000ppm)
Diisobutyl Phthalate (DIBP)	0.1% (1000ppm)

The limits were quoted from Annex II of 2011/65/EU and Amendment (EU) 2015/863 for homogeneous material

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