RoHS 3.0 (Comply with 2011/65/EU + (EU) 2015/863 directive) Certificate of Compliance

All Sunny products meet the requirements of the Commission Delegated Directive 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU as regards the list of restricted substances. This directive adds 4 new restricted substances to Annex II: Bis (2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP).

EU Restricted Materials & Allowable Limits

EU RoHS Restricted Substance	Allowable Limit
	(at homogenous material level)
Cadmium & its compounds (Cd)	100 ppm (0.01 weight %)
Mercury (Hg)	1000 ppm (0.10 weight %)
Lead (Pb)	1000 ppm (0.10 weight %)
Hexavalent Chromium (Cr6+)	1000 ppm (0.10 weight %)
Polybrominated biphenyls (PBB)	1000 ppm (0.10 weight %)
Polybrominated diphenyl ethers (PBDE)	1000 ppm (0.10 weight %)
Bis (2-Ethylhexyl) phthalate (DEHP)	1000 ppm (0.10 weight %)
Benzyl butyl phthalate (BBP)	1000 ppm (0.10 weight %)
Dibutyl phthalate (DBP)	1000 ppm (0.10 weight %)
Diisobutyl phthalate (DIBP)	1000 ppm (0.10 weight %)

Remarks of exemption clauses:

- 1. SMD resistor/Zener diode-Lead in glass of cathode ray tubes, electronic components and fluorescent tubes, the exemption item is 7(c)-I.
- 2. Diode-Lead in high melting temperature type solders(ie: tin-lead solders alloys containing more than 85% lead), the exemption item is 7(a).
- 3. PIN foot-Copper alloy containing up to 4% lead by weight, the exemption item is 6(c).

