

CE Declaration of Conformity

Hereby Polyamp declares that our DC/DC converter type:

ف PM50A60-60, ف PM50B60-60, ف PM50C60-60, ف PM50D60-60

conforms to:

EMC directive 2014/30/EU, Low voltage directive 2014/35/EU and 2011/65/EU RoHS directive.

This unit is conforming to the product safety standard and product EMC standard:

EN 60950-1:2009 Safety of information technology equipment, including electronic business machines. Installation class I.

EN 61204-3:2010 Low voltage power supplies, d.c. output. Part 3 Electromagnetic compatibility (EMC)

EN 50581:2012 Technical documentation for RoHS.

Consult the installation manual for correct installation.

The below table shows the EMC performance based on relevant EMC test standards. This supports the customer in the EMC continuity decisions before installation or integration.

EMC performance	Input	Enclosure	Output
Emission requirement EN61000-6-3:2007			
EN 55016-2-1:2009 (Conducted 0.15 to 30 MHz)	OK		OK
EN 55016-2-1:2009 (Radiated 30 to 1000 MHz)	Included	OK	Included
Immunity requirement EN61000-6-2:2005 with elevated levels			
EN61000-4-2:2009 Contact / Air discharge	8kV	8kV	8kV
EN61000-4-3:2006 80 to 1000 MHz; 1 kHz, 80% AM-modulated carrier	Included	10 V/m	Included
1.4 to 2.0 GHz 1 kHz, 80% AM-modulated carrier	Included	10 V/m	Included
2.0 to 2.7 GHz 1 kHz, 80% AM-modulated carrier	Included	10 V/m	Included
EN61000-4-4:2004 Burst	±4 kV		±4 kV
EN61000-4-5:2006			
line-line 2 Ω	±1 kV		±0.5 kV
line-line 12 Ω	±2 kV		±1 kV
line-line 42 Ω			±1 kV
line-case 12 Ω	±2 kV		±2 kV
line-case 42 Ω			±2 kV
EN61000-4-6:2009 (Conducted 0.15 to 80 MHz), 80% AM-modulated carrier	10 VRMS		10 VRMS
EN61000-4-8:2010	Not sensitive	Not sensitive	Not sensitive



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