



Conformity Declaration





AEI Power GmbH
Uracher Straße 91, 72555 Metzingen / Germany

KoE-NE-14009

The following electronic devices comply with the EC-directives and guidelines:

- Directive 2006/95/EC Electrical equipment designed for use within certain voltage limits
- Directive 2004/108/EC Relating to electromagnetic compatibility

| | | | |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Type | AE 3TL 840R040, 840R046 | | |
| Safety | | | |
| IEC 62109-1:2010 | Safety of power converters for use in photovoltaic power systems - Part 1: General requirements | | |
| IEC 62109-2:2011 | Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters | | |
| EN 60529:1991 + A1:2000 | Degrees of protection provided by body (IP-Code) | | |
| DIN VDE V 0126-1-1:2012-09 | Automatic disconnection device between a generator and the public low-voltage grid | | |
| EMC-Compatibility - Immunity | | | |
| EN 61000-6-1:2007 | Electromagnetic Compatibility (EMC) Part 6-1: Generic Standards - Immunity for residential, trade and light-industrial environments | | |
| EN 61000-6-2:2011 | Electromagnetic Compatibility (EMC) Part 6-2: Generic Standards - Immunity for industrial environments | | |
| EMC-Compatibility - Emission | | | |
| EN 61000-3-12:2012 | Electromagnetic Compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low voltage systems with input current between 16A and 75A per phase | | |
| EN 61000-3-11:2001 | Electromagnetic Compatibility (EMC) - Part 3-11: Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems; Equipment with rated current <= 75 A and subject to conditional connection | | |
| EN 61000-6-4:2009 | Electromagnetic Compatibility (EMC) Part 6-4: Generic Standards – Emission standard for industrial environments | | |
| Metzingen | Valid from 2014-09-22 | i. V.  | i.V.  |
| location | date | Heiko Schneider Head of Development Department | Ronald Kiebler Head of Testing Department |

We reserve the right to make changes in the conformity declaration. Presently applicable edition can be obtained upon request.