

## EU Declaration of Conformity

**Name and address of the manufacturer:** **KACO new energy GmbH**  
Carl-Zeiss-Str. 1  
74172 Neckarsulm, Germany

**Product description:** **Photovoltaic grid-tie inverter**

**Type description:** **Powador 2002 / 3002 / 4202 / 5002 / 6002**

This is to confirm that the units stated above are compliant with the protection requirements set forth in Directive 2004/108/EC of the European Parliament and of the Council of 15 December 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility (Electromagnetic Compatibility Directive) and Directive 2006/95/EC of the European Parliament and of the Council of 12 December 2006 on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits (Low Voltage Directive).

The units are compliant with the following standards:

**2006/95/EC**  
"Directive relating to electrical equipment designed for use within certain voltage limits"

**Safety of the unit:**  
EN 62103:2003-07  
EN 50178:1997\*  
\* Regarding clearance and creepage distances

**2004/108/EC**  
"Directive relating to electromagnetic compatibility"

**Interference immunity:**  
EN 61000-6-1:2007  
EN 61000-6-2:2005

**Emitted interference:**  
EN 61000-6-3:2007  
EN 61000-6-4:2007

**Secondary effects on the grid:**  
EN 61000-3-2:2006\*\*  
EN 61000-3-12:2005\*\*\*  
EN 61000-3-3:1995 + A1:2001 + A2:2005\*\*  
EN 61000-3-11:2000\*\*\*  
\*\* Applicable for models  $\leq$  16 A  
\*\*\* Applicable for models  $\geq$  16 A

The types stated above are labelled with the CE marking for this reason.

Any unauthorised modifications to the supplied units and/or any use for other than for the intended purposes shall render this Declaration of Conformity null and void.

Neckarsulm, 01.09.2009  
KACO new energy GmbH



Matthias Haag  
Head of Grid-Connected Systems Division