

CE – Declaration of conformity

We, the undersigned:

Company	N.V. Nederlandsche Apparatenfabriek „Nedap“
Address	Parallelweg 2, 7141 DC Groenlo, The Netherlands

We certify and declare under our sole responsibility that the following equipment:

Product description / Intended use	Solar inverter with optional battery management feature						
Manufacturer	N.V. Nederlandsche Apparatenfabriek "Nedap"						
Brand	Nedap						
Model / Model No.	PowerRouter, Models (*)						
	PR30S	PR30Sd	PR30SB	PR30SBd			
	PR37S	PR37Sd	PR37SB	PR37SBd	PR37SBi	PR37Bi	PRE-B
	PR50S	PR50Sd	PR50SB	PR50SBd	PR50SBi	PR50Bi	PRE-Bi

(*)Model designation may be followed by letters or numbers, indicating the main features, number of phases, the battery voltage and execution, which will not affect the safety of the product or test results.

is tested to and conforms with the essential requirements for protection of health and the safety of the user and any other person and Electromagnetic Compatibility, as included in following standards (where applicable),

Standards	
EN 62109-1: 2010	Safety of power converters for use in photovoltaic power systems – part 1: general requirements.
EN 62109-2: 2011	Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters.
EN 60950-1: 2006	Information technology equipment – safety – part 1: general requirements.
EN 62040-1: 2008	Uninterruptable power Systems (UPS) – part 1: General and safety requirements for UPS.
EN 60335-1: 2002	Household and similar electrical appliances – safety-part 1: general requirements.
EN 60335-2-29: 2004	Household and similar electrical appliances – safety – part 2-29: particular requirements for battery chargers.
EN 61000-3-2: 2006	Electromagnetic compatibility (EMC) – part 3-2: limits – limits for harmonic current emissions.

PowerRouter

love your energy

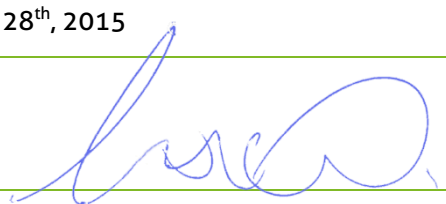
EN 61000-3-3: 2008	Electromagnetic compatibility (EMC) – part 3-3: limits – limits of voltage changes, voltage fluctuations and flicker in public low voltage supply systems.
EN 61000-3-11: 2000	Electromagnetic compatibility (EMC) – part 3-11: limits – Limitation of voltage changes, voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current up to 75A and subject to conditional connection.
EN 61000-3-12: 2011	Electromagnetic compatibility (EMC) – part 3-12: limits – Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and ≤ 75 A per phase.
EN 61000-6-2: 2003	Electromagnetic compatibility (EMC) – part 6-2: generic standards – immunity for industrial environments.
EN 61000-6-3: 2007	Electromagnetic compatibility (EMC) – part 6-3: generic standards – emission standard for residential, commercial, and light-industrial environments.

and therefore complies with the essential requirements and provisions of **Council Directive 2006/95/EC** on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits and with the essential requirements and provisions of **Council Directive 2004/108/EC** on the approximation of the laws of the Member States relating to electromagnetic compatibility.

The technical documentation and relevant reports as required by the Conformity Assessment procedure is kept at the following address:

Company	N.V. Nederlandsche Apparatenfabriek "Nedap"
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Project Number	RD000355



Drawn up in	Groenlo, The Netherlands
Date	January 28 th , 2015
Name and position	 W. Klunder, Managing Director Nedap Energy Systems