

# CERTIFICATE of Conformity



**Certificate No.:** MK 69245061 0001

**Test Report No.:** 28219502 001

**Certificate Holder:** Power-One Italy S.p.A  
Via San Giorgio, 642  
I.-52028 Terranuova Bracciolini (AR)  
Italy

**Manufacturer:** Power-One Italy S.p.A  
Via San Giorgio, 642  
I.-52028 Terranuova Bracciolini (AR)  
Italy

**Product:** Photovoltaic (PV) grid-tied inverter

**Identification:** Type identification:

PVI-3.8-I-OUTD  
PVI-3.8-I-OUTD-S  
SSWI-3.8-I-OUTD  
PVI-4.6-I-OUTD  
PVI-4.6-I-OUTD-S  
SSWI-4.6-I-OUTD

Main parameters of products: see ANNEX (Page 1/1)

**Tested according to:** IEC 62109-1:2010  
IEC 61727:2004  
IEC 62116:2008

**Date of Validity:** 2014.12.12

This certificate refers to the above mentioned product. This is to certify that the test sample is in conformity with the requirements stated above. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The certificate is valid up to the date of validity provided that the test specifications and construction of the product remain unchanged during the period of validity.

**Date of Issue:**

Budapest, 2013.12.13



**Certification Body**

Terese Schmidt

TÜV Rheinland InterCert Kft. – Product Certification Body — H-1132 Budapest, Váci ut 48/A-B — www.tuv.hu

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The main parameters of the tested PC inverters:

Model name	PVI-4.6-I-OUTD PVI-4.6-I-OUTD-S	SSWI-4.6-I-OUTD	PVI-3.8-I-OUTD PVI-3.8-I-OUTD-S	SSWI-3.8-I-OUTD
V <sub>max</sub> PV (V)	520	520	520	520
I <sub>sc</sub> PV (A)	22	22	22	22
MPPT range (V)	180 - 470	180 - 470	160 - 470	160 - 470
Max inp.current (A)	2x14	28	2x12.5	25
Nominal output voltage AC	230	230	230	230
Nominal frequency (Hz)	50	50	50	50
Maximum output current (A)	22.5	22.5	18.2	18.2
Maximum output power (W)	4600	4600	3800	3800
Power factor	>0,995	>0,995	>0,995	>0,995
Overvoltage category (OVC) Input DC Circuit	II	II	II	II
Overvoltage category (OVC) Output AC Circuit	III	III	III	III
Ingression Protection (IP)	IP65	IP65	IP65	IP65
Max operating temperature (°C)	-25°C - +60°C	-25°C - +60°C	-25°C - +60°C	-25°C - +60°C
Isolating Inverter (Yes/No)	Yes	Yes	Yes	Yes

Certification Body

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