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Certification body of BV CPS GmbH  
Accredited according to EN 45011 -  
ISO / IEC Guide 65

# Certificate

**Manufacturer / applicant:** SolarEdge Technologies Ltd.  
6 HeHarash St.  
Hod Hasharon 45240  
Israel

**Product type:** DC-DC converter for mounting on photovoltaic panels

**Modell:** OPxxx-LV  
OPxxx-MV  
OPxxx-96V  
Pxxx  
PxxxI

**Remark:** xxx can be any number from 0 – 9 up to the max. input power.  
For more details see annex of this certificate.  
The Power Optimizer Pxxx with IP 65 Enclosure can also have  
an “I” as a suffix showing the independent function without  
SolarEdge inverters

A representative test sample of the aforementioned product was tested according to

**Applicable standards:** IEC 62109-1:2010, EN 62109-1:2010, DIN EN 62109-1:2011

**BV project number:** 12TH0377

**Certificate number:** 14-058

**Date of issue:** 2014-06-23

**Certification body**

Dieter Zitzmann

(A partial representation of the certificate requires  
the written permission of BV CPS GmbH)



Deutsche  
Akkreditierungsstelle  
D-ZE-12024-01-01



QUALITY



HEALTH



SAFETY



ENVIRONMENT



SOCIAL  
ACCOUNTABILITY



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## Annex to Certificate 14-058

<b>Ratings:</b>	<b>OPxxx-LV OPIxxx-LV</b>	<b>OPxxx-MV</b>	<b>OPxxx-96V OPIxxx-96V</b>
Max. input power [W]:	250 - 300	400	600
Input DC voltage range [V]:	0 – 55	0 – 75	0 – 96
Input DC current [A]:	10		
Output DC voltage [V]:	0 - 60		0 – 85
Max. output DC current [A]:	15		
Enclosure type:	SAOB IP65		

<b>Ratings:</b>	<b>Pxxx</b>						
Max. input power [W]:	300	350	405	400	500	600	700
Input DC voltage range [V]:	8 – 48	8 – 60	12,5 – 125	8 – 80	12,5 – 96	12,5 – 125	
Input DC current [A]:	10						
Output DC voltage [V]:	0 – 60	0 – 85	0 – 60	0 – 85			
Max. output DC current [A]:	15						
Enclosure type:	SAOB IP65 / NAOB IP67 / Gen 3 IP68	SAOB IP65 / NAOB IP67	SAOB IP65 / NAOB IP67* / Gen 3 IP 68 – 7 mm fins	SAOB IP65 / NAOB IP67* / Gen 3 IP 68 – 15 mm fins	SAOB IP65* / Gen 3 IP 68 – 20 mm fins		

<b>Remark:</b>	xxx can be any number from 0 – 9 up to the max. input power The Power Optimizer Pxxx with IP 65 Enclosure can also have an “I” as a suffix showing the independent function without SolarEdge inverters * only for the PxxxI series provide NAOB IP67 enclosure
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