



# CERTIFICATE

Certificate No. 16-PPV-0000210/0000 TIC

WE HEREBY CERTIFY THAT THE PHOTOVOLTAIC MODULES OF THE MODEL

**DS72285, DS72 & DS60 245**  
(Tested Types)

And with Types extended to **DS72285\***  
- See Annex -

**MANUFACTURER & LICENSE HOLDER**  
**DOORS SYSTEMS SRL**  
Via Marconi 39, 35010 - Trugnano

IS IN COMPLIANCE WITH THE REQUIREMENTS OF

**EN 61215 : 2005 IEC 61215 : 2005**

Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval

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**EN 61730-1 / EN 61730-2 : 2007**

Photovoltaic (PV) modules - Safety qualification

To be used in plants at nominal voltage up to 1000 Vdc (application Class A)

AS RESULT OF THE TESTS IN OUR APPOINTED LABORATORY  
EA ACCREDITED LABORATORY N. 0192

REPORT No. TIC-PV01CdO09C475002, TIC-PS201CdO09C475002  
TIC-PS201-17618-100945, TIC-PS101-17618-10094  
TIC-PS201-17618-100945, TIC-PVQ01-17318-160163  
TIC-PS101-17318-160163 TIC-PS201-17318-160163

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THE FOLLOW UP INSPECTION ON THE DATE 25<sup>th</sup> NOVEMBER 2016 WITH  
REPORT No. 16-1116-PPV-TIC-00002-10

**Expiring date 11.12.2021**

(that the testing basis continues unchanged)

**Notes:** (\*) The manufacturer declares that the modules constructed using the same materials, components and processes as the tested type DS72285, DS72 & DS60 245. Further details on the models reported on the attachment. Technical data, materials and components description are into the indicated test reports. Any changes of the design, materials or processing may require the repetition of some of the qualification tests in order to retain type approval. The certification is performed on test reports for complete certification. (\*\*The fire test (IEC 61730-2 / MST 23) was not performed on model. This certificate is for type approval and based on voluntarily provided information. The Manufacturing Inspection is conducted by TÜV INTERCERT on the base of the internal procedures.



Akkreditierungstelle  
D-ZE-1000



Bonn, 12.12.2016



Ing. K. Lindenblatt

TÜV INTERCERT Certification Body

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**SAMPLE**

**FAC**

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# CERTIFICATE

## Annex of

Certificate No. 16-PPV-0000210/02-TIC

### THE PHOTOVOLTAIC MODULES WITH THE CELLS

Tested Type	Cell Number	Cell Size	Technology	Power [W]
DS72285	72	6"	polycrystalline	285
DS72	60	6"	polycrystalline	280
DS60 245	60	6"	monocrystalline	245

Types extended for similarity\* for the same cell technology without need for testing (according to IEC 61730-2 "Retention guideline"):

Type	Cell Number	Cell Size	Power [W]
DS72XXX*	72	6"	from 260 to 310 with 5W steps
DS60XXX*	60	6"	from 220 to 260 with 5W steps
DS54XXX*	54	6"	from 195 to 235 with 5W steps
DS48XXX*	48	6"	from 175 to 210 with 5W steps
DS36XXX*	36	6"	from 130 to 155 with 5W steps

(\*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type DS72285, DS72 & DS60 245. Technical data, materials and components description are into the indicated test reports. Any changes of the design, materials, components or processing may require the repetition of some tests in order to retain type approval. The certification is performed on tested model as complete certification. (\*) The fire test (IEC 61730-2 / M) is not required for this certificate as it is for type approval and based on voluntarily product test. The Manufacturing Inspection is conducted by TÜV INTERCERT on the basis of the procedures.



Bonn, 12.12.2016



Ing. K. Lindenblatt

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