



CERTIFICATE

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

WE HEREBY CERTIFY THAT THE PHOTOVOLTAIC MODULES WITH THE MODEL

DS72285, DS72 & DS60 245
(Tested Types)

And with Types extended for similarity*
- See Annex -

MANUFACTURER & LICENSE HOLDER
DOORS SISTEM SRL
Via Marconi 39, 35020 Brugine (PD) Italy

IS IN COMPLIANCE WITH THE REQUIREMENTS OF

EN 61215 : 2005 / IEC 61215 : 2005

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

EN 61730-1 / EN 61730-2 : 2007

Photovoltaic (PV) module safety qualification

To be used in plants at a test voltage up to : 1000V (Application Class A)

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

REPORT No. TIC-PVQ01CdO09C475002, TIC-PS201CdO09C475002
TIC-PVQ01-17618-100945, TIC-PS101-17618-10094
TIC-PVQ01-17618-100945, TIC-PVQ01-17318-160163
TIC-PS101-17318-160163 TIC-PS201-17318-160163

&
THE FOLLOWING INSPECTION ON THE DATE 25th NOVEMBER 2016 WITH
REPORT No. REF 16-PPV-TIC-00002-10

valid date 11.12.2021

(Providing that the testing basis continues unchanged)

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



Bonn, 12.12.2016



Ing. K. Lindenblatt

TÜV INTERCERT Certification Body

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Annex of

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

THE PHOTOVOLTAIC MODULES WITH THE MODELS

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

Types extended for similarity* with polycrystalline cell technology
without need of re-testing
(according to IEC 61730-2 / MST 23)

Type	Cell Number	Cell Size	Power [W]
DS72XXX*	72	6"	from 280 to 310 with 5W steps
DS60XXX*	60	6"	from 260 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 are included into the test reports. Any changes of the design, materials, components or processing may require the repetition of some of the qualification tests and the approval. The certification is performed on tested model as complete certification. (*) The fire test (IEC 61730-2 / MST 23) was not performed on the tested model. The certification is for type approval and based on voluntarily product test. The Manufacturing Inspection is conducted by TÜV INTERCERT on the base of the manufacturer's declarations.



Bonn, 12.12.2016



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