



C E R T I F I C A T E

Certificate No. 11-PPV-0009709/07-TIC

WE HEREBY CERTIFY THAT THE PHOTOVOLTAIC MODULES WITH THE MODEL

SM-295PC8
(Tested Type)

And with Types extended for similarity*
- See Annex -

LICENSE HOLDER:

S-Energy Co., Ltd

10th, E&C Venture Dream Tower VI, 197-28 - Guro-dong, Guro-gu, Seoul 152-719, Korea

&

MANUFACTURING:

S-Energy Co., Ltd

837, Daedok Technovalley, Tamnip-dong, Yuseong-gu, 305-510 Daejeon, Korea

IS IN COMPLIANCE WITH THE REQUIREMENTS OF

IEC 61215:2005

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

&

IEC 61730-1 : 2004 / IEC 61730-2 : 2004

Photovoltaic (PV) module safety qualification

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

AS RESULT OF THE TEST IN OUR APPOINTED LABORATORY

EA ACCREDITED LABORATORY N. 0192

REPORT No. **TIC-PVQ01-17980-101093, TIC-PS101-17980-101093, TIC-PS201-17980-101093**

Expiring date 21.06.2016

(Providing that the testing basis continues unchanged)

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type SM-295PC8. Further details on certified models are reported on the attachment. 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 of the qualification tests in order to retain type approval. This certificate is for type approval and based on voluntarily product test. The Manufacturing Inspection is conducted by TÜV INTERCERT on the base of the internal procedures.



DAT-ZE-030/09-00



Am Bonner Bogen 2, D-53227 Bonn,



22.06.2011 Dipl.-Ing. F. Sergizzeza

TÜV INTERCERT Certification Body

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C E R T I F I C A T E

Annex of

Certificate No. 11-PPV-0009709/07-TIC

THE PHOTOVOLTAIC MODULES WITH THE MODELS

Tested Type	Cell Number	Cell Size [mm]	Cell Technology	Power [W]
SM-295PC8	72	156 x 156	Poly crystal.	295

Types extended for similarity* with Poly crystal. Cell Technology without need of re-testing

(according to IEC61215 "Retesting guideline"):

Type	Cell Number	Cell Size [mm]	Module Size [mm]	Power [W]
SM-195PC8*	54	156 x 156	1505x999	195
SM-200PC8*	54	156 x 156	1505x999	200
SM-205PC8*	54	156 x 156	1505x999	205
SM-210PC8*	54	156 x 156	1505x999	210
SM-215PC8*	54	156 x 156	1505x999	215
SM-220PC8*	54	156 x 156	1505x999	220
SM-225PC8*	60	156 x 156	1665x999	225
SM-230PC8*	60	156 x 156	1665x999	230
SM-235PC8*	60	156 x 156	1665x999	235
SM-240PC8*	60	156 x 156	1665x999	240
SM-245PC8*	60	156 x 156	1665x999	245
SM-250PC8*	60	156 x 156	1665x999	250
SM-255PC8*	72	156 x 156	1985x999	255
SM-260PC8*	72	156 x 156	1985x999	260
SM-265PC8*	72	156 x 156	1985x999	265
SM-270PC8*	72	156 x 156	1985x999	270
SM-275PC8*	72	156 x 156	1985x999	275
SM-280PC8*	72	156 x 156	1985x999	280
SM-285PC8*	72	156 x 156	1985x999	285
SM-290PC8*	72	156 x 156	1985x999	290
SM-300PC8*	72	156 x 156	1985x999	300
SM-305PC8*	72	156 x 156	1985x999	305
SM-310PC8*	72	156 x 156	1985x999	310
SM-315PC8*	72	156 x 156	1985x999	315
SM-320PC8*	72	156 x 156	1985x999	320

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type SM-295PC8. 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 of the qualification tests in order to retain type approval. This certificate is for type approval and based on voluntarily product test. The Manufacturing Inspection is conducted by TÜV INTERCERT on the base of the internal procedures.



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