

ATTENTION!

These Certificates are from Third Party
PV-Module Producers using BCE PV-Cells!



C E R T I F I C A T E

Certificate No. 10-PPV-0006209/03-TIC

WE HEREBY CERTIFY THAT THE PHOTOVOLTAIC MODULES WITH THE MODEL

ESM285M

(Tested Type)

And with Types extended for similarity*

- See Annex -

MANUFACTURING & LICENSE HOLDER

ECOPROGETTI SRL

Via dell'Industria e dell'Artigianato, 27/C I-35010 Carmignano di Brenta (PD)

IS IN COMPLIANCE WITH THE REQUIREMENTS OF

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 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-PVQ01-17384-100308, TIC-PS101-17384-100308
TIC-PS201-17384-100308**

Expiring date 10.11.2015

(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 ESM285M. 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. The certification is performed on tested model as complete certification. This certificate is for type approval and based on voluntarily product test. 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,

11.11.2010

Dipl.- Ing. F. Sergizzarea

TÜV INTERCERT Certification Body



C E R T I F I C A T E

Annex 1 of

Certificate No. 10-PPV-0006209/03-TIC

THE PHOTOVOLTAIC MODULES WITH THE MODELS

Tested Type	Cell Number	Cell Size	Cell Technology	Power [W]
ESM285M	72	156 x 156	monocrystalline	285

Types extended for similarity* with monocrystalline cell technology without need of re-testing
(according to IEC61215 "Retesting guideline"):

Type	Cell Number	Cell Size	Power [W]
ESM300M*	72	156 x 156	300
ESM295M*	72	156 x 156	295
ESM290M*	72	156 x 156	290
ESM280M*	72	156 x 156	280
ESM275M*	72	156 x 156	275
ESM270M*	72	156 x 156	270
ESM265M*	72	156 x 156	265
ESM260M*	72	156 x 156	260
ESM255M*	72	156 x 156	255
ESM250M*	72	156 x 156	250
ESM250M*	60	156 x 156	250
ESM245M*	60	156 x 156	245
ESM240M*	60	156 x 156	240
ESM235M*	60	156 x 156	235
ESM230M*	60	156 x 156	230
ESM225M*	60	156 x 156	225
ESM220M*	60	156 x 156	220
ESM215M*	60	156 x 156	215
ESM210M*	60	156 x 156	210

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type ESM285M. 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. The certification is performed on tested model as complete certification. This certificate is for type approval and based on voluntarily product test. 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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C E R T I F I C A T E

Annex 2 of

Certificate No. 10-PPV-0006209/03-TIC

THE PHOTOVOLTAIC MODULES WITH THE MODELS

Types extended for similarity* with monocrystalline cell technology without need of re-testing
(according to IEC 61215 "Retesting guideline"):

Type	Cell Number	Cell Size	Power [W]
ESM205M*	60	156 x 156	205
ESM200M*	60	156 x 156	200
ESM225M*	54	156 x 156	225
ESM220M*	54	156 x 156	220
ESM215M*	54	156 x 156	215
ESM210M*	54	156 x 156	210
ESM205M*	54	156 x 156	205
ESM200M*	54	156 x 156	200
ESM195M*	54	156 x 156	195
ESM190M*	54	156 x 156	190
ESM185M*	54	156 x 156	185
ESM200M*	48	156 x 156	200
ESM195M*	48	156 x 156	195
ESM190M*	48	156 x 156	190
ESM185M*	48	156 x 156	185
ESM180M*	48	156 x 156	180
ESM175M*	48	156 x 156	175
ESM170M*	48	156 x 156	170
ESM165M*	48	156 x 156	165
ESM150M*	36	156 x 156	150
ESM145M*	36	156 x 156	145
ESM140M*	36	156 x 156	140
ESM135M*	36	156 x 156	135
ESM130M*	36	156 x 156	130
ESM125M*	36	156 x 156	125
ESM120M*	36	156 x 156	120
ESM115M*	36	156 x 156	115

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type ESM285M. 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. The certification is performed on tested model as complete certification. This certificate is for type approval and based on voluntarily product test. 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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