



C E R T I F I C A T E

Certificate No. 10-PPV-0003908/04-TIC

WE HEREBY DECLARE THAT THE PHOTOVOLTAIC MODULES WITH THE MODEL

**ECO 225 & ECO 305
(Tested Type)**

**And with Types extended for similarity^(*)
- See Annex -**

MANUFACTURER & LICENSE HOLDER

PV POWER TECHNOLOGIES PVT LTD

GJ 14, SDF VII, SEEPZ SEZ, Andheri (East), Mumbai -96, India

**IS IN COMPLIANCE WITH THE REQUIREMENTS SET OUT IN CERTIFICATION PROGRAM
TIC-PR-PC-08-Annex 13 Product certification scheme PV
IEC 61215-2:2016**

Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 2: Test procedures
IEC 61730-2:2004+AMD1:2011()**

Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing
To be used in plants at a total voltage up to: 1000 Vdc (application Class A)

**AS RESULT OF THE TEST CARRIED OUT BY
EUROTEST LABORATORI SRL ACCREDITED BY ACCREDIA no. 0192
ALBARUBENS SRL ACCREDITED BY ACCREDIA no. 0951
REPORT No. TIC-PVC02CdO09C373001 & TIC- AR17TEST129**

First issuing 15.01.2010

Expiring date 13.01.2020
(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 types ECO 225 & ECO 305. Further details on certified models are reported on the annex. 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 and retest performed according to IECCE "Retesting guideline" on model ECO 305 with differences in higher power output. **(**) The Fire Test (IEC 61730-2 / MST 23) was not performed.** This certificate is for type approval and based on voluntarily product test and with Factory Inspection. This certificate is valid and can be used only with its annex.



Bonn, 18.10.2017



Ing. K. Lindenblatt

TÜV INTERCERT Certification Body

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CERTIFICATE

Annex 1 of

Certificate No. 10-PPV-0003908/04-TIC

THE PHOTOVOLTAIC MODULES WITH THE MODELS

Tested Type	Cell Number	Cell Size	Cell Technology	Power[W]
ECO 225	60	6"	polycrystalline	225

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

Type	Cell Number	Cell Size	Power [W]
ECO 110*	28	156mm*156mm	110
ECO 115*	28	156mm*156mm	115
ECO 120*	36	156mm*156mm	120
ECO 125*	36	156mm*156mm	125
ECO 130*	36	156mm*156mm	130
ECO 135*	36	156mm*156mm	135
ECO 140*	36	156mm*156mm	140
ECO 145*	36	156mm*156mm	145
ECO 150*	36	156mm*156mm	150
ECO 175*	48	156mm*156mm	175
ECO 180*	48	156mm*156mm	180
ECO 180*	48	156mm*156mm	180
ECO 185*	48	156mm*156mm	185
ECO 190*	48	156mm*156mm	190
ECO 195*	48	156mm*156mm	195
ECO 200*	48	156mm*156mm	200
ECO 210*	60	156mm*156mm	210
ECO 215*	60	156mm*156mm	215
ECO 220*	60	156mm*156mm	220
ECO 225*	60	156mm*156mm	225
ECO 230*	60	156mm*156mm	230
ECO 235*	60	156mm*156mm	235
ECO 240*	60	156mm*156mm	240
ECO 245*	60	156mm*156mm	245
ECO 250*	60	156mm*156mm	250

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested types ECO 225 & ECO 305. 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 and retest performed according to IECCE "Retesting guideline" on model ECO 305 with differences in higher power output. **(**)** The Fire Test (IEC 61730-2 / MST 23) was not performed. This certificate is for type approval and based on voluntarily product test and with Factory Inspection. This certificate is valid and can be used only with its annex.



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CERTIFICATE

Annex 2 of

Certificate No. 10-PPV-0003908/04-TIC

THE PHOTOVOLTAIC MODULES WITH THE MODELS

Tested Type	Cell Number	Cell Size	Cell Technology	Power[W]
ECO 305	72	156mm*156mm	polycrystalline	305

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

Type	Cell Number	Cell Size	Power [W]
ECO 255*	60	156mm*156mm	255
ECO 260*	60	156mm*156mm	260
ECO 265*	60	156mm*156mm	265
ECO 270*	60	156mm*156mm	270
ECO 280*	72	156mm*156mm	280
ECO 285*	72	156mm*156mm	285
ECO 290*	72	156mm*156mm	290
ECO 295*	72	156mm*156mm	295
ECO 300*	72	156mm*156mm	300
ECO 310*	72	156mm*156mm	310
ECO 315*	72	156mm*156mm	315
ECO 320*	72	156mm*156mm	320
ECO 325*	72	156mm*156mm	325

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested types ECO 225 & ECO 305. 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 and retest performed according to IECCE "Retesting guideline" on model ECO 305 with differences in higher power output. (***) The Fire Test (IEC 61730-2 / MST 23) was not performed. This certificate is for type approval and based on voluntarily product test and with Factory Inspection. This certificate is valid and can be used only with its annex.



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