

Type Approval
CERTIFICATE

N. C01 09C328004

Released by: **EuroTest Laboratori S.r.l.**
SINAL accredited laboratory UNI EN ISO/IEC 17025 N. 0192
SINAL is the EA member for accreditation of testing laboratories in Italy

Seeing test reports: PVC01 CdO 09C328004

Released by Eurotest Laboratori Srl Via dell'Industria, 18 – Brugine (PD) - Italy

We declare that the following product:

Photovoltaic Modules

Models list:

tested type: **IS4000P**

extended by similarity (*)
see attached table

License holder:

Istar Solar srl
Area Industriale Tito Scalo 85050 TITO (PZ)

as results of test made complies the standard:

CEI EN 61215 (2006):

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

CEI EN 61730-1, CEI 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)

(*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type IS4000P. 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 has a validity of 5 years.

Brugine, 29/07/2009

Laboratory head
Roberto Bolzonaro

Roberto Bolzonaro



Performed certification on tested model:

- complete certification
 retest performed according to IEC60747-3 "Retesting guideline" for similarity with model IS4000P (certificate n° C01 09C328003 released by Eurotest Laboratori in date 21/05/2009).

with differences in:
 point a.: cell technology

Tested type:

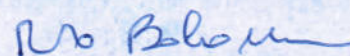
Type	cell number	cell size	cell technology	power [W]
IS4000P	72	6"	monocrystalline	280

Types extended for similarity without need of re-testing (according to IEC60747-3 "Retesting guideline"):

Model name	cell number	cell size	cell technology	rated power
IS4000P	72	156X156	monocrystalline	308
IS4000P	72	156X156	monocrystalline	305
IS4000P	72	156X156	monocrystalline	300
IS4000P	72	156X156	monocrystalline	295
IS4000P	72	156X156	monocrystalline	290
IS4000P	72	156X156	monocrystalline	285
IS4000P	72	156X156	monocrystalline	275
IS4000P	72	156X156	monocrystalline	270
IS4000P	72	156X156	monocrystalline	265
IS4000P	72	156X156	monocrystalline	260
IS4000P	72	156X156	monocrystalline	255
IS4000P	72	156X156	monocrystalline	250
IS4000P	72	156X156	monocrystalline	245
IS4000P	66	156X156	monocrystalline	280
IS4000P	66	156X156	monocrystalline	275
IS4000P	66	156X156	monocrystalline	270
IS4000P	66	156X156	monocrystalline	265
IS4000P	66	156X156	monocrystalline	260
IS4000P	66	156X156	monocrystalline	255
IS4000P	66	156X156	monocrystalline	250
IS4000P	66	156X156	monocrystalline	245
IS4000P	66	156X156	monocrystalline	240
IS4000P	60	156x156	monocrystalline	255
IS4000P	60	156X156	monocrystalline	250
IS4000P	60	156X156	monocrystalline	245
IS4000P	60	156X156	monocrystalline	240
IS4000P	60	156X156	monocrystalline	235
IS4000P	60	156X156	monocrystalline	230

Additional notes

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IS4000P	60	156X156	monocrystalline	220
IS4000P	60	156X156	monocrystalline	210
IS4000P	54	156x156	monocrystalline	230
IS4000P	54	156x156	monocrystalline	225
IS4000P	54	156x156	monocrystalline	220
IS4000P	54	156x156	monocrystalline	210
IS4000P	54	156x156	monocrystalline	205
IS4000P	54	156x156	monocrystalline	200
IS4000P	54	156x156	monocrystalline	195
IS4000P	54	156x156	monocrystalline	190
IS4000P	54	156x156	monocrystalline	185
IS4000P	54	156x156	monocrystalline	180
IS4000P	48	156x156	monocrystalline	205
IS4000P	48	156x156	monocrystalline	200
IS4000P	48	156x156	monocrystalline	195
IS4000P	48	156x156	monocrystalline	190
IS4000P	48	156x156	monocrystalline	185
IS4000P	48	156x156	monocrystalline	180
IS4000P	48	156x156	monocrystalline	175
IS4000P	48	156x156	monocrystalline	170
IS4000P	40	156x156	monocrystalline	170
IS4000P	40	156X156	monocrystalline	165
IS4000P	40	156X156	monocrystalline	160
IS4000P	40	156X156	monocrystalline	155
IS4000P	40	156X156	monocrystalline	150
IS4000P	40	156X156	monocrystalline	145
IS4000P	40	156X156	monocrystalline	140
IS3000P	36	156X156	monocrystalline	155
IS3000P	36	156X156	monocrystalline	150
IS3000P	36	156X156	monocrystalline	145
IS3000P	36	156X156	monocrystalline	140
IS3000P	36	156X156	monocrystalline	135
IS3000P	36	156X156	monocrystalline	130
IS3000P	36	156X156	monocrystalline	125
IS3000P	36	156X156	monocrystalline	120
IS120P	36	156X125	monocrystalline	120
IS115P	36	156X125	monocrystalline	115
IS110P	36	156X125	monocrystalline	110
IS105P	36	156X125	monocrystalline	105
IS100P	36	125X125	monocrystalline	100
IS95P	36	125X125	monocrystalline	95
IS90P	36	125X125	monocrystalline	90
IS85P	36	125X125	monocrystalline	85
IS80P	36	125X125	monocrystalline	80
IS75P	36	125X125	monocrystalline	75
IS70P	36	156X78	monocrystalline	70
IS65P	36	156X78	monocrystalline	65

Additional notes

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IS60P	36	156X62,4	monocrystalline	60
IS55P	36	156X62,4	monocrystalline	55
IS50P	36	156X62,4	monocrystalline	50
IS45P	36	156X62,4	monocrystalline	45
IS40P	36	156X62,4	monocrystalline	40
IS50P	36	125X62,5	monocrystalline	50
IS45P	36	125X62,5	monocrystalline	45
IS40P	36	125X62,5	monocrystalline	40
IS40P	36	156X52	monocrystalline	40
IS35P	36	156X52	monocrystalline	35
IS30P	36	156X31,2	monocrystalline	30
IS25P	36	156X31,2	monocrystalline	25
IS20P	36	156X31,2	monocrystalline	20
IS20P	36	78X52	monocrystalline	20
IS15P	36	78X52	monocrystalline	15
IS10P	36	78X26	monocrystalline	10
IS05P	36	78X11	monocrystalline	5

Additional notes

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