

Type Approval
CERTIFICATE

N. C01 09C328001

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: *PVM01 CdO 07C328001, PV201 CdO 07C328001*

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 220Wp**

extended by similarity (*)

IS4000P 140Wp, IS4000P 145Wp, IS4000P 150Wp, IS4000P 155Wp, IS4000P 160Wp, IS4000P 165Wp, IS4000P 170Wp, IS4000P 175Wp, IS4000P 180 Wp, IS4000P 185Wp, IS4000P 190Wp, IS4000P 195Wp, IS4000P 200Wp, IS4000P 205Wp, IS4000P 210Wp, IS4000P 215Wp, IS4000P 220Wp, IS4000P 225Wp, IS4000P 230 Wp, IS4000P 235Wp, IS4000P 240Wp, IS4000P 242Wp
IS3000P 120Wp, IS3000P 125Wp, IS3000P 130Wp, IS3000P 135Wp, IS3000P 140Wp, IS3000P 145Wp
IS10P 10Wp, IS20P 20Wp, IS30P 30Wp, IS40P 40Wp, IS50P 50Wp, IS55P 55Wp, IS60P 60W, IS65P 65Wp, IS70P 70Wp, IS75P 75Wp, IS80P 80Wp, IS85P 85Wp, IS90P 90Wp, IS95P 95Wp, IS100P 100Wp, IS105P 105Wp, IS110P 110Wp, IS115P 115Wp, IS120P 120Wp

License holder:

Istar Solar Srl
Area Industriale Tito Scalo 85050 Tito (PZ) Italy

as results of test made complies the standard:

CEI EN 61215 (2006):

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

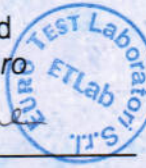
Safety Class II Qualification Tests on PV Modules, to be used in plants at a total voltage up to

1000 Vdc

(*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type IS4000P 220Wp. 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 3 years.

Brugine, 12/01/2009

Laboratory head
Roberto Bolzonaro
Roberto Bolzonaro


Performed certification on tested model:

- complete certification
 retest performed according to IEC60904 "Retesting guideline" for similarity with model
 (certificate n° released by in date).

with differences in:

Tested type:

Type	cell number	cell size	cell technology	power [W]
IS4000P 220Wp	60	6"	polycrystalline	220

Types extended for similarity without need of re-testing (according to IEC60904 "Retesting guideline"):

Type	power [W]	Type	power [W]
IS4000P 140Wp	140	IS120P 120Wp	120
IS4000P 145Wp	145	IS115P 115Wp	115
IS4000P 150Wp	150	IS110P 110Wp	110
IS4000P 155Wp	155	IS105P 105Wp	105
IS4000P 160Wp	160	IS100P 100Wp	100
IS4000P 165Wp	165	IS95P 95Wp	95
IS4000P 170Wp	170	IS90P 90Wp	90
IS4000P 175Wp	175	IS85P 85Wp	85
IS4000P 180Wp	180	IS80P 80Wp	80
IS4000P 185Wp	185	IS75P 75Wp	75
IS4000P 190Wp	190	IS70P 70Wp	70
IS4000P 195Wp	195	IS65P 65Wp	65
IS4000P 200Wp	200	IS60P 60Wp	60
IS4000P 205Wp	205	IS55P 55Wp	55
IS4000P 210Wp	210	IS50P 50Wp	50
IS4000P 215Wp	215	IS50P 40Wp	40
IS4000P 220Wp	220	IS30P 30Wp	30
IS4000P 225Wp	225	IS20P 20Wp	20
IS4000P 230Wp	230	IS10P 10Wp	10
IS4000P 235Wp	235		
IS4000P 240Wp	240		
IS4000P 242Wp	242		
IS3000P 120Wp	120		
IS3000P 125Wp	125		
IS3000P 130Wp	130		
IS3000P 135Wp	135		
IS3000P 140Wp	140		
IS3000P 145Wp	145		

Additional notes

Laboratory head

X Roberto Bolzonaro

Roberto Bolzonaro

