



# C E R T I F I C A T E

Certificate No. 12-PPV-0000017/01-TIC

WE HEREBY CERTIFY THAT THE PHOTOVOLTAIC MODULES WITH THE MODEL

**PPI 230**  
(Tested Type)

And with Types extended for similarity\*  
- See Annex -

LICENSE HOLDER:

**Plaza Power & Infrastructure CO.,**  
408, 4th Floor, Akashdeep Building, 26,  
Barakhaba Road, New Delhi - INDIA

&

MANUFACTURER:

**Plaza Power & Infrastructure CO.,**  
923/56, Village Katha, Baddi,  
173205 Distt. Solan, H.P. - INDIA

IS IN COMPLIANCE WITH THE REQUIREMENTS OF

**IEC 61215 : 2005**

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

&

**EN 61730-1 : 2007 / 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-PVQ01-19966-110242, TIC-PS101-19966-110242,**  
**TIC-PS201-19966-110242**

**Expiring date 01.05.2017**

(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 PPI 230. 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 **without Factory Inspection**.



DAT-ZE-030/09-00



Am Bonner Bogen 2, D-53227 Bonn,

*R. Bolzonaro*  
02.05.2012 Ing. R. Bolzonaro

TÜV INTERCERT Certification Body



# C E R T I F I C A T E

## Annex of

**Certificate No. 12-PPV-0000017/01-TIC**

### THE PHOTOVOLTAIC MODULES WITH THE MODELS

Tested Type	Cell Number	Cell Size	Cell Technology	Power [W]
PPI230	60	156*156	Multi Crystalline	230

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

Type	Cell Number	Cell Size	Power [W]
PPI176*	46	156*156	176
PPI153*	40	156*156	153
PPI115*	30	156*156	115
PPI107*	28	156*156	107
PPI77*	20	156*156	77
PPI69*	18	156*156	69
PPI61*	36	156*156	61
PPI46*	12	156*156	46
PPI38*	10	156*156	38
PPI23*	6	156*156	23
PPI15*	4	156*156	15
PPI8*	2	156*156	8
PPI4*	1	156*156	4

**Notes:** (\*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type PPI 230. 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 **without Factory Inspection**.



DAT-ZE-030/09-00



Am Bonner Bogen 2, D-53227 Bonn,

*Dr. Robert...*  
12.05.2012

TÜV INTERCERT Certification Body