



C E R T I F I C A T E

Certificate No 08-PPV-00020/01-TIC

WE HEREBY CERTIFY THAT THE PHOTOVOLTAIC MODULES WITH THE MODEL

XL6P60D225 (Tested type)

| Cell Number | Cell Size | Power |
|-------------|-----------|-------|
| 60 | 6" | 225 |

And with Types extended for similarity (See Annex)

LICENSE HOLDER:
XL Telecom & Energy Ltd
C2, Pooja Plaza, Vikrampur,
Secunderabad - 500 003, India

MANUFACTURING:
XL Telecom & Energy Ltd
&
Shed No. 31 & 32, IDA Mallapur,
Hyderabad - 500 076, India

IS IN COMPLIANCE WITH THE REQUIREMENTS OF

IEC 61215 : 2005

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

AS RESULT OF THE TEST IN OUR APPOINTED LABORATORY

EUROTEST LABORATORI
(EA ACCREDITED LABORATORY N. 0192)


REPORT No. TIC-PVM01CdO08C343001

Expiring date 14.09.2011

(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 XL6P60D225. 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.

TUV
INTERCERT


Responsible for the Test

Via San Vito, 7 - Milan,

15.09.2008


TÜV INTERCERT Certification Body



C E R T I F I C A T E

Annex of

Certificate No 08-PPV-00020/01-TIC

THE PHOTOVOLTAIC MODULES WITH THE MODEL

XL6P60D225
(Tested type)

Cell Number
60

Cell Size
6"


Power
225

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

| <u>Type</u> | <u>Cell Number</u> | <u>Cell Size</u> | <u>Power</u> |
|-------------|--------------------|------------------|--------------|
| XL6P60D245* | 60 | 6" | 245 |
| XL6P54D195* | 54 | 6" | 195 |
| XL6P48D175* | 48 | 6" | 175 |
| XL6P36D130* | 36 | 6" | 130 |

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type XL6P60D225. 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.




Responsible for the Test

Via San Vito, 7 - Milan,

15.09.2008


TÜV INTERCERT Certification Body



C E R T I F I C A T E

Certificate No 08-PPV-00020/02-TIC

WE HEREBY CERTIFY THAT THE PHOTOVOLTAIC MODULES WITH THE MODEL

XL6P60G225

(Tested type)

And with Types extended for similarity*
- See Annex -

LICENSE HOLDER:
XL Telecom & Energy Ltd
C2, Pooja Plaza, Vikrampur,
Secunderabad - 500 003, India

&

MANUFACTURING:
XL Telecom & Energy Ltd
Shed No. 31 & 32, IDA Mallapur,
Hyderabad - 500 076, India

IS IN COMPLIANCE WITH THE REQUIREMENTS OF

IEC 61215 : 2005

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

AS RESULT OF THE TEST IN OUR APPOINTED LABORATORY

EUROTEST LABORATORI
(EA ACCREDITED LABORATORY N. 0192)

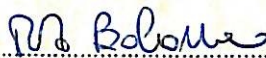
REPORT No. TIC-PVM02CdO08C343001

Expiring date 14.09.2011

(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 XL6P60G225. 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 retest was performed according to IECCE "Retesting guideline" for similarity with model XL6P60D225 with differences in cell technology (certificate n° C01 08C343001 released by Eurotest Laboratori Srl - Italy in date 14.07.2008). This certificate is for type approval and based on voluntarily product test without Factory Inspection.

Tüv
INTERCERT


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Responsible for the Test

Via San Vito, 7 - Milan,

15.09.2008


TÜV INTERCERT Certification Body



C E R T I F I C A T E

Annex of

Certificate No 08-PPV-00020/02-TIC

THE PHOTOVOLTAIC MODULES WITH THE MODEL

XL6P60G225

(Tested type)


| | | |
|--------------------------|------------------------|---------------------|
| <u>Cell Number</u> 60 | <u>Cell Size</u> 6" | <u>Power</u> 225 |
|--------------------------|------------------------|---------------------|

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

| <u>Type</u> | <u>Cell Number</u> | <u>Cell Size</u> | <u>Power</u> |
|-------------|--------------------|------------------|--------------|
| XL6P60G245* | 60 | 6" | 245 |
| XL6P54G195* | 54 | 6" | 195 |
| XL6P48G175* | 48 | 6" | 175 |
| XL6P36G130* | 36 | 6" | 130 |

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type XL6P60G225. 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 retest was performed according to IEC61215 "Retesting guideline" for similarity with model XL6P60D225 with differences in cell technology (certificate n° C01 08C343001 released by Eurotest Laboratori Srl - Italy in date 14.07.2008). This certificate is for type approval and based on voluntarily product test without Factory Inspection.




Responsible for the Test

Via San Vito, 7 - Milan,

15.09.2008


TÜV INTERCERT Certification Body



C E R T I F I C A T E

Certificate No 08-PPV-00020/03-TIC

WE HEREBY CERTIFY THAT THE PHOTOVOLTAIC MODULES WITH THE MODEL

XL 30225
(Tested type)

And with Types extended for similarity*
- See Annex -

LICENSE HOLDER:
XL Telecom & Energy Ltd
C2, Pooja Plaza, Vikrampur,
Secunderabad - 500 003, India

&

MANUFACTURING:
XL Telecom & Energy Ltd
Shed No. 31 & 32, IDA Mallapur,
Hyderabad - 500 076, India

IS IN COMPLIANCE WITH THE REQUIREMENTS OF

IEC 61215 : 2005

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

AS RESULT OF THE TEST IN OUR APPOINTED LABORATORY

EUROTEST LABORATORI
(EA ACCREDITED LABORATORY N. 0192)

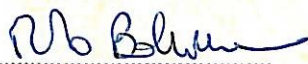
REPORT No. TIC-PVM03CdO08C343001

Expiring date 14.09.2011

(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 XL 30225. 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 retest was performed according to IECCE "Retesting guideline" for similarity with model XL 24180 with differences in higher or lower power by more than 10% (test report n° 21205857 released by TUV Rheinland - Germany in date 25/02/2008). This certificate is for type approval and based on voluntarily product test without Factory Inspection.

TUV
INTERCERT



Responsible for the Test

Via San Vito, 7 - Milan,

15.09.2008


TÜV INTERCERT Certification Body



C E R T I F I C A T E

Annex of

Certificate No 08-PPV-00020/03-TIC

THE PHOTOVOLTAIC MODULES WITH THE MODEL

XL 30225

(Tested type)

| <u>Cell Number</u> | <u>Cell Size</u> | <u>Power</u> |
|--------------------|------------------|--------------|
| 60 | 6" | 225 |

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

| <u>Type</u> | <u>Cell Number</u> | <u>Cell Size</u> | <u>Power</u> |
|-------------|--------------------|------------------|--------------|
| XL 30245* | 60 | 6" | 245 |
| XL 24195* | 54 | 6" | 195 |
| XL 23175* | 48 | 6" | 175 |
| XL 12130* | 36 | 6" | 130 |

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type XL 30225. 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 retest was performed according to IEC61215 "Retesting guideline" for similarity with model XL 24180 with differences in higher or lower power by more than 10% (test report n° 21205857 released by TÜV Rheinland - Germany in date 25/02/2008). This certificate is for type approval and based on voluntarily product test without Factory Inspection.



Responsible for the Test

Via San Vito, 7 - Milan,

15.09.2008

TÜV INTERCERT Certification Body



C E R T I F I C A T E

Certificate No. 09-PPV-0002008/06-TIC

WE HEREBY CERTIFY THAT THE PHOTOVOLTAIC MODULES WITH THE MODEL

XL 6P 72G280
(Tested types)

And with Types extended for similarity*
- See Annex -

MANUFACTURING & LICENSE HOLDER
XL TELECOM & ENERGY LTD

C2, Pooja Plaza, Vikrampuri, Secunderabad - 500 003 Andhra Pradesh, 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 / EN 61730-2 : 2007

Photovoltaic (PV) module safety qualification

To be used in plants at a total voltage up to : 1000 Vdc

AS RESULT OF THE TEST IN OUR APPOINTED LABORATORY

EUROTEST LABORATORI
(EA ACCREDITED LABORATORY N. 0192)

REPORT No. TIC-PVC01CdO09C343001

Expiring date 03.03.2012
(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 XL 6P 72G280. 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 retest according to IECCE "Retesting guideline" for similarity with model XL 6P 60G225 with differences in: higher or lower power by more than 10% (certificate n° C02 08C343001 and C02 08C343 002 released by Eurotest Laboratori in date 14/07/2008 and 31/10/2008). This certificate is for type approval and based on voluntarily product test without Factory Inspection.



Tüv
INTERCERT

Graha Nandia
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Responsible for the Test

Am Bonner Bogen 2, D-53227 Bonn, 04.03.2009

[Signature]
TÜV INTERCERT Certification Body



C E R T I F I C A T E

Annex I / II of

Certificate No. 09-PPV-0002008/06-TIC

THE PHOTOVOLTAIC MODULES WITH THE MODELS

| <u>Tested type</u> | <u>Cell Number</u> | <u>Cell Size</u> | <u>Cell technology</u> | <u>Power [W]</u> |
|--------------------|--------------------|------------------|------------------------|------------------|
| XL 6P 72G280 | 72 | 6" | polycrystalline | 280 |

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

| <u>Type</u> | <u>Cell Number</u> | <u>Cell Size</u> | <u>Power [W]</u> |
|--------------|--------------------|------------------|------------------|
| XL 6P 36G100 | 36 | 6" | 100 |
| XL 6P 36G110 | 36 | 6" | 110 |
| XL 6P 36G120 | 36 | 6" | 120 |
| XL 6P 36G130 | 36 | 6" | 130 |
| XL 6P 36G140 | 36 | 6" | 140 |
| XL 6P 36G150 | 36 | 6" | 150 |
| XL 6P 48G160 | 48 | 6" | 160 |
| XL 6P 48G175 | 48 | 6" | 175 |
| XL 6P 48G180 | 48 | 6" | 180 |
| XL 6P 54G195 | 54 | 6" | 195 |
| XL 6P 54G200 | 54 | 6" | 200 |

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type XL 6P 72G280. 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 retest according to IEC61215 "Retesting guideline" for similarity with model XL 6P 60G225 with differences in: higher or lower power by more than 10% (certificate n° C02 08C343001 and C02 08C343 002 released by Eurotest Laboratori in date 14/07/2008 and 31/10/2008). This certificate is for type approval and based on voluntarily product test without Factory Inspection.



Graci Marie Jane
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Responsible for the Test

Am Bonner Bogen 2, D-53227 Bonn,

04.03.2009

[Signature]
TUV INTERCERT Certification Body

CERTIFICATE ■ CERTIFICATO ■ ZERTIFIKAT ■ SERTIFIKA ■ CERTIFICADO ■ گواهینامه ■ ΠΙΣΤΟΠΟΙΗΤΟ ■ 證明書 ■ 證明 ■ شهادة ■ ΠΙΣΤΟΠΟΙΗΤΙΚΟ ■ گواهینامه ■ CERTIFICADO ■ ZERTIFIKAT ■ SERTIFIKA ■ CERTIFICADO ■ گواهینامه ■ ΠΙΣΤΟΠΟΙΗΤΟ



C E R T I F I C A T E

Annex II / II of

Certificate No. 09-PPV-0002008/06-TIC

THE PHOTOVOLTAIC MODULES WITH THE MODELS

| <u>Tested type</u> | <u>Cell Number</u> | <u>Cell Size</u> | <u>Cell technology</u> | <u>Power [W]</u> |
|--------------------|--------------------|------------------|------------------------|------------------|
| XL 6P 72G280 | 72 | 6" | polycrystalline | 280 |

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

| <u>Type</u> | <u>Cell Number</u> | <u>Cell Size</u> | <u>Power [W]</u> |
|--------------|--------------------|------------------|------------------|
| XL 6P 54G210 | 54 | 6" | 210 |
| XL 6P 60G220 | 60 | 6" | 220 |
| XL 6P 60G225 | 60 | 6" | 225 |
| XL 6P 60G240 | 60 | 6" | 240 |
| XL 6P 60G250 | 60 | 6" | 250 |
| XL 6P 72G260 | 72 | 6" | 260 |
| XL 6P 72G270 | 72 | 6" | 270 |
| XL 6P 72G275 | 72 | 6" | 275 |
| XL 6P 72G290 | 72 | 6" | 290 |
| XL 6P 72G300 | 72 | 6" | 300 |
| XL 6P 72G305 | 72 | 6" | 305 |

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type XL 6P 72G280. 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 retest according to IEC61215 "Retesting guideline" for similarity with model XL 6P 60G225 with differences in: higher or lower power by more than 10% (certificate n° C02 08C343001 and C02 08C343 002 released by Eurotest Laboratori in date 14/07/2008 and 31/10/2008). This certificate is for type approval and based on voluntarily product test without Factory Inspection.



Grou Marie Laine
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Responsible for the Test

Am Bonner Bogen 2, D-53227 Bonn,

04.03.2009

[Signature]
TUV INTERCERT Certification Body