

Certificate



Certificate no.

TA 50405401 01

License Holder:

VILLARREAL DIVISIÓN EQUIPOS
S.A. DE C.V.
Morelos 905 Sur.
Allende N.L C.P. 67350.
MEXICO

Manufacturing Plant:

030-0000457618

Test report no.: ZTW1- 10055603 005

Client Reference: J.L.

Tested to: EN 62109-1:2010
EN 62109-2:2011
IEC 62109-1:2010
IEC 62109-2:2011

Certified Product:

License Fee - Units

Type Designation : BEYOND3KM2/1
Rated Voltage : DC 70-600V, DC 240-520V (MPPT)
DC 600V (PV Vmax.)
Rated Current : Max. 12.5A, 15A (PV Isc)
Output : AC 220/230/240V, 50/60Hz, 13.6/13/12.5A,
3000W/3000VA, PF 0.99 max., or 230Vac,
50Hz, 13A, 3000W/3000VA, PF 0.99 max.
max. Ambient Temperature : 45°C (for full load)
60°C (de-rating to 1kW)
max. Operating Altitude : 4000m
Degree of protection against ingress of dust solid objects
moisture : IP65
Protection Class : I
This certificate is valid for maximum 5 years

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Appendix: 1

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Licensed Test mark:



TÜV Rheinland Taiwan Ltd

Signature



Weichun Li

Date of Issue
(day/mo/yr)

16/04/2018

Certificate



Certificate no.

TA 50405401 02

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S.A. DE C.V.
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MEXICO

Manufacturing Plant:

030-0000457618

Test report no.: ZTW1- 10055603 005

Client Reference: J.L.

Tested to: EN 62109-1:2010
EN 62109-2:2011
IEC 62109-1:2010
IEC 62109-2:2011

Certified Product:

License Fee - Units

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Addition

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Type Designation : BEYOND2KM2/1

Rated Voltage : DC 70-600V, DC 170-520V (MPPT)
DC 600V (PV Vmax.)

Rated Current : Max. 12.5A, 15A (PV Isc)

Output : AC 220/230/240V, 50/60Hz, 9.1/8.7/8.3A,
2000W/2000VA, PF 0.99 max., or AC 230V,
50Hz, 8.7A, 2000W/2000VA, PF 0.99 max.

This certificate is valid for maximum 5 years

Appendix: 1

5

Licensed Test mark:



TÜV Rheinland Taiwan Ltd

Signature

Date of Issue

(day/mo/yr)

17/04/2018


Weichun Li