

Certificate of Approval

Certificate Number: MCS IK0237

Issue: 01

Clenergy Europe Limited

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Blisworth Hill Farm, Stoke Road

Blisworth

Northamptonshire

NN7 3DB

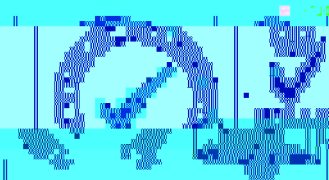
Has been approved with the components listed in the following:

MCS 010-Issue 1.5

Product Certification Scheme for PV Modules

MCS 022: Issue 2.1

Product Certification Scheme for Components of PV Systems



Appendix to Certificate No: MCS IK0237

Issue: 01

Clear Energy Europe Limited

Products

Model	Description	Reference No.
PV-ezRack Trapezoidal	Roof Installation Kit (Above roof)	MCS IK0237/01
<i>Technical Information for the PV-ezRack Trapezoidal:</i>		
Roof substrate:	Trapezoidal profile metal sheet roof	
Minimum Roof pitch:	5°	
Maximum design wind uplift:	1479 N/m ² for a single fixing with 13 screws	
Value of partial safety factor:	1.1	
ER-IC-ST 30B, -32B, -35B, -40B, -45B, -46B, -50B	Inter clamp	
ER-EC-ST35 -40, -45, -46, -50	Inter clamp, black anodized	
	End clamp	
ER-R-PRO2560, -3405, -4200	SolarRoof Pro Rail, silver anodized	
ER-R-PRO2560B, -3405B, -4200B	SolarRoof Pro Rail, black anodized	
ER-SP-ST	SolarRoof Pro Rail splice	
ER-CC-PRO	SolarRoof Pro cross rail connectors	
ER-C-PRO35	ezClip35 assembly	
ER-CAP-PRO/B, /G	SolarRoof Pro cap for pro rail / black, /grey	

This certificate and Appendix is maintained and held in force through periodic review and verification.



Laura Critch

20 May 2014

Director for BRE Global Ltd.

Operations Manager, MCS

Date of Issue

Date of First Issue



This certificate is issued in accordance with the MCS Global Certification Standard

BRE Global Ltd., Garston, Watford WD25 9XX

is the Certification mark for Onsite Sustainable Energy Technologies

Appendix to Certificate No: MCS IK0237

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Greenergy Europe Limited

Model	Description	Reference No.
PV-ezBack Klin-Lok Standing Seam Clamp for rounded profile	Roof Installation Kit (Above roof)	MCS IK023/002
Technical Information for the PV-ezBack Klin-Lok Standing Seam Clamp for rounded profile:		

Manufacturer of the PV-ezBack Klin-Lok Standing Seam Clamp for rounded profile:

Greenergy Europe Limited

This certificate and associated information is provided as a guide only and does not constitute a warranty or guarantee of performance or quality.



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energy europe limited

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Abstract

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Abstract

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This cycle will be maintained and held in force through periodic review and validation.



Appendix to Certificate No: MCS IK0237 Clenergy Europe Limited

Issue: 01

Model	Description	Reference No.
PV-ezRack SolarRoof Pro roof hook system	Roof Installation Kit (Above roof)	MCS IK0237/05
Technical Information for the PV-ezRack SolarRoof Pro roof hook system.		
Roof substrate:	Timber rafters and battens with pan tiles or slates	
Minimum Roof pitch:	15°	
Maximum design wind uplift:	1207 Pa (with 2 PV modules and 6 Hooks) or 3223 N	
Value of partial safety factor:	1.0	
Components:		
ER-I-PRO/01	SolarRoof Pro Universal Hook for interlocking Tiles (5/30° rafter hook)	
ER-L-PRO/01A	SolarRoof Pro Universal Hook for flat Tiles (45° Rafter hook)	

