

# CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality  
hereby attests that the product(s)

## Solar Collector

(Details as per the attached Scope of Certification)

manufactured by:

**GREENONETEC SOLARINDUSTRIE GMBH**

**Industriepark St.Viet,Energieplatz 1,9300 St.Veit/Glan, Austria**

have been assessed in accordance with DCLD Document Ref. No. DM-DCLD-RD-DP21-2001 (IC) "General Rules for DM third party product certification system through factory assessment" and the relevant Specific Rules, and were found in conformity with the standard specification:

## BS EN 12975-1:2006 +A1: 2010

Accordingly, DCLD hereby authorizes the above manufacturer  
to affix the DCL Product Conformity Mark on the above-mentioned product(s).



for / ENGR. AMIN AHMED AMIN  
Director, Dubai Central Laboratory Department  
Dubai Municipality



Certificate No: CL15020283  
Valid Until: 07/03/2022



Current Issue Date: 08/03/2021  
Original Issue Date: 07/12/2015



The attached Scope of Certification bearing the same Certificate Number forms an integral part of this Certificate.  
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DUBAI CENTRAL LABORATORY DEPARTMENT  
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION  
FOR CERTIFICATE NO. CL15020283

<b>Certificate Issued To:</b>	GREENoneTEC SOLARINDUSTRIE GMBH Industriepark St.Veit, Energieplatz 1, 9300 St.Veit/Glan, Austria
<b>Applicable Standard Specification:</b>	BS EN 12975-1:2006 +A1: 2010 – Thermal solar systems and components – Solar Collectors – Part 1: General requirements
<b>Applicable Specific Rules:</b>	DM-DCLD-RD-DP21-2178 (IC) – Specific Rules Certification of Solar Collectors as per BS EN 12975-1 through Factory Assessment DM-DCLD-RD-DP21-2084 (IC) – Guidelines for Factory Production Control Plan for Solar Collector Manufacturers

S/N	PRODUCT DESCRIPTION	BRAND NAME(S)	PRODUCT DETAILS
1	Gross dimensions: 2077 x 1238 x 100 Gross area: 2,58m <sup>2</sup> ; Aperture area: 2,30m <sup>2</sup> ; Total absorber area: 2,16m <sup>2</sup> ; Absorber pipe dimensions: header: 22 x 0,8 mm risers: 8 x 0,4mm Glass: Float clear Maximum operation pressure: 10 bar; Maximum stagnation temperature: 198°C Liquid content: 1,60 liter Empty collector weight: 39,6 kg	"GREENoneTEC" Brand FK7250 N4AAI light	<b>Flat Plate Solar Collectors- FK7250 Al light</b>  Absorber Materials: Aluminum absorber laser welded to copper tubes Rockwool thermal insulation of 50kg/m <sup>3</sup> density with thermal conductivity of 0,035W/(m.K) 3,2 mm solar glass cover Aluminum tray casing 0.8 mm EPDM sealing materials Use with anti-freeze thermal fluid ( Propylenglycol / water mixture)
	Gross dimensions: 2077 x 1238 x 100 Gross area: 2,58m <sup>2</sup> ; Aperture area: 2,30m <sup>2</sup> ; Total absorber area: 2,16m <sup>2</sup> ; Absorber pipe dimensions: header: 22 x 0,8 mm risers: 8 x 0,4mm Glass: Float clear Maximum operation pressure: 10 bar; Maximum stagnation temperature: 198°C Liquid content: 1,60 liter Empty collector weight: 41,6 kg	"GREENoneTEC" Brand FK7250 N2AAI light	

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	<p>Gross dimensions: 2077 x 1238 x 100 Gross area: 2,58m<sup>2</sup>; Aperture area: 2,30m<sup>2</sup>; Total absorber area: 2,16m<sup>2</sup>; Absorber pipe dimensions: header: 22 x 0,8 mm risers: 8 x 0,4mm Glass: Float clear Maximum operation pressure: 10 bar; Maximum stagnation temperature: 198°C Liquid content: 1,67 liter Empty collector weight: 39,8 kg</p>	<p>"GREENoneTEC" Brand FK7250 L2AAI light</p>	
2	<p>Gross dimensions: 2065 x 2443 x 113 Gross area: 5,04m<sup>2</sup>; Aperture area: 4,64m<sup>2</sup>; Total absorber area: 4,62m<sup>2</sup>; Absorber pipe dimensions: header: 22 x 0,8 mm risers: 8 x 0,4mm Glass: Float clear- 2 pieces abreast Maximum operation pressure: 10 bar; Maximum stagnation temperature: 199°C Liquid content: 3,43 liter Empty collector weight: 87 kg</p>	<p>"GREENoneTEC" Brand GK3501 FL</p>	<p><b>Flat Plate Solar Collectors- GK3001 FL</b></p> <p>Absorber Materials: Aluminum absorber laser welded to copper tubes Rockwool thermal insulation of 50kg/m<sup>3</sup> density with thermal conductivity of 0,035W/(m.K) 3,2 mm solar glass cover Double walled aluminum profile frame EPDM sealing materials Use with anti-freeze thermal fluid (Propylenglycol / water mixture)</p>
	<p>Gross dimensions: 2065 x 4867 x 113 Gross area: 10,02m<sup>2</sup>; Aperture area: 9,28m<sup>2</sup>; Total absorber area: 9,26m<sup>2</sup>; Absorber pipe dimensions: header: 22 x 0,8 mm risers: 8 x 0,4mm Glass: Float clear- 4 pieces abreast Maximum operation pressure: 10 bar; Maximum stagnation temperature: 199°C Liquid content: 6,85 liter Empty collector weight: 167 kg</p>	<p>"GREENoneTEC" Brand GK3101 FL</p>	
3	<p>Gross dimensions: 1730 x 1170 x 73 Gross area: 2,02m<sup>2</sup>; Aperture area: 1,92m<sup>2</sup>; Total absorber area: 1,85m<sup>2</sup>; Absorber pipe dimensions: header: 22 x 0,7 mm risers: 8 x 0,4mm Glass: Float clear Maximum operation pressure: 10 bar; Maximum stagnation temperature: 183°C Liquid content: 1,6 liter Empty collector weight: 28 kg</p>	<p>"GREENoneTEC" Brand FK8201 N4H FG</p>	<p><b>Flat Plate Solar Collectors- FK8001 N4H FG</b></p> <p>Absorber Materials: Aluminum absorber laser welded to copper tubes Glass wool thermal insulation of 25kg/m<sup>3</sup> density with thermal conductivity of 0,039W/(m.K)</p>

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	<p>Gross dimensions: 2000 x 1170 x 73 Gross area: 2,34m<sup>2</sup>; Aperture area: 2,23m<sup>2</sup>; Total absorber area: 2,15m<sup>2</sup>; Absorber pipe dimensions: header: 22 x 0,7 mm risers: 8 x 0,4mm Glass: Float clear Maximum operation pressure: 10 bar; Maximum stagnation temperature: 183°C Liquid content: 1,7 liter Empty collector weight: 32 kg</p>	"GREENoneTEC" Brand FK8231 N4H FG	<p>3,2mm solar glass cover Single walled aluminum profile frame Silicon glue sealing materials Use with anti-freeze thermal fluid ( Propylenglycol / water mixture)</p>
4.	<p>Gross dimensions: 2224 x 3557 x 135 Gross area: 7,91m<sup>2</sup>; Aperture area: 7,41m<sup>2</sup>; Total absorber area: 7,42m<sup>2</sup>; Absorber pipe dimensions: header: 28 x 1 mm risers: 8 x 0,4mm Glass: Float clear with antireflective coating – 3 pieces abreast Maximum operation pressure: 10 bar; Maximum stagnation temperature: 214°C Liquid content: 6,84 liter Empty collector weight: 141 kg</p>	"GREENoneTEC" Brand GK 3803 S	<p><b>Flat Plate Solar Collectors- Single Glazed (GK3003-S)</b>  Absorber Materials: Aluminum absorber laser welded to copper tubes Rockwool thermal insulation of 50kg/m<sup>3</sup> density with thermal conductivity of 0,035W/(m.K) 3,2mm solar glass cover</p>
	<p>Gross dimensions: 2224 x 5920 x 135 Gross area: 13,17m<sup>2</sup>; Aperture area: 12,35m<sup>2</sup>; Total absorber area: 12,37m<sup>2</sup>; Absorber pipe dimensions: header: 28 x 1 mm risers: 8 x 0,4mm Glass: Float clear with antireflective coating - 5 pieces abreast Maximum operation pressure: 10 bar; Maximum stagnation temperature: 214°C Liquid content: 11,4 liter Empty collector weight: 232 kg</p>	"GREENoneTEC" Brand GK 3133 S	<p>Single walled aluminum profile frame EPDM sealing materials Use with anti-freeze thermal fluid ( Propylenglycol / water mixture)</p>
5	<p>Gross dimensions: 2224 x 3557 x 135 Gross area: 7,91m<sup>2</sup>; Aperture area: 7,41m<sup>2</sup>; Total absorber area: 7,42m<sup>2</sup>; Absorber pipe dimensions: header: 28 x 1 mm risers: 8 x 0,4mm Glass: Float clear with antireflective coating- 2 X 3 pieces abreast Maximum operation pressure: 10 bar; Maximum stagnation temperature: 218°C Liquid content: 6,84 liter Empty collector weight: 202 kg</p>	"GREENoneTEC" Brand GK 3803	<p><b>Flat Plate Solar Collectors- Double Glazed (GK3003)</b>  Absorber Materials: Aluminum absorber laser welded to copper tubes Rockwool thermal insulation of 50kg/m<sup>3</sup> density with thermal conductivity of 0,035W/(m.K) 3,2mm double solar glass cover</p>

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<p>Gross dimensions: 2224 x 5920 x 135 Gross area: 13,17m<sup>2</sup>; Aperture area: 12,35m<sup>2</sup>; Total absorber area: 12,37m<sup>2</sup>; Absorber pipe dimensions: header: 28 x 1 mm risers: 8 x 0,4mm Glass: Float clear with antireflective coating- 2 X 5 pieces abreast Maximum operation pressure: 10 bar; Maximum stagnation temperature: 218°C Liquid content: 11,4 liter Empty collector weight: 333 kg</p>	<p>"GREENoneTEC" Brand GK 3133</p>	<p>Single walled aluminum profile frame EPDM sealing materials Use with anti-freeze thermal fluid (Propylenglycol / water mixture)</p>
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NOTE 1: This document forms part of the Certificate of Product Conformity bearing the same certificate number.

NOTE 2: The above products shall bear the DCL Conformity Mark.

Original Issue Date : 07 December 2015

Current Issue Date : 08 March 2021

Valid Until : 07 March 2022



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Dubai Central Laboratory Department