

CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality,

hereby attests that the product(s)

THERMAL SOLAR SYSTEMS AND COMPONENTS – SOLAR COLLECTORS

(Details as per the attached Scope of Certification)

manufactured by:

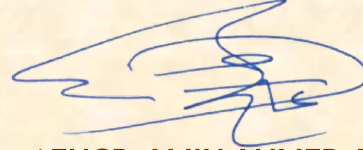
ENERGIE EST.

Zona Industrial De Laundos,48- Povia de Varzim, Portugal

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 to the above-mentioned product(s).



for / **ENGR. AMIN AHMED AMIN**

Director, Dubai Central Laboratory Department

Dubai Municipality

Verify:



Certificate No: CL17020475

Valid Until: 16 AUG 2019



Current Issue Date: 17 AUG 2018

Original Issue Date: 17 AUG 2017

DM-DCLD-F-IC-2031 REV 13

The attached Scope of Certification bearing the same Certificate No. forms an integral part of this Certificate.

This Certificate is an electronic document, subject to the Terms and Conditions of the Product Certification System and shall not be reproduced except in full.



DUBAI CENTRAL LABORATORY DEPARTMENT
DCL PRODUCT CONFORMITY CERTIFICATION SCHEME

**SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL17020475**

Certificate Issued To:	ENERGIE EST Zona Industrial De Laundos,48- Povia de Varzim, Portugal
Applicable Standard Specification:	BS EN 12975-1:2006 +A1: 2010 – Thermal solar systems and components – Solar Collectors – Part 1: General requirements
Applicable Specific Rules:	RD-DP21-2178 (IC) – Specific Rules Certification of Solar Collectors as per BS EN 12975-1 Through Factory Assessment RD-DP21-2084 (IC) – Guidelines for Factory Production control Plan for Solar Collector Manufacturers

SN	Product Description	Brand Name	Product Details
1	Thermodynamic solar flat plate collector, unglazed, made of Aluminum. Surface area of 1.6 m ²	Thermodynamic Solar Panel	Gross Area: 1.6 m ² , Aperture Area:1.6 m ² Absorber Area: 1.6 m ² Gross Dimension: 2000 x800 mm Weight: 8 Kg Max. Operating Pressure: 6 Bar Stagnation Temperature: 66 °C Absorber Material: Aluminum Absorber sheet with anodized and painted with Solokote hydrophobic layer. This solar collector uses refrigerant fluid within: R134a or R407c in a total of 0.33l

NOTE1: This document forms part of the Certificate of Product Conformity bearing the same certificate number.

NOTE2: The above product shall bear the DCL Conformity Mark.

Original Issue Date : 17-August-2017
Current Issue Date : 17-August-2018
Valid Until : 16-August-2019

ARIF HUSAIN AL MARZOOQI
Products Conformity Assessment Section Manager
Dubai Central Laboratory Department