

The Solar Keymark Success Story

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Brussels, 8 October 2008



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Before the Solar Keymark

- In the 1990s financial support programmes in various countries
- European market grew from 250.000 kWth to over 800.000 kWth per year
- Many companies started exporting their products
- BUT: Different requirements in every incentive programmes became an obstacle to



The birth of the Solar Keymark

One function only:

To certify conformity with EN standards

- EN 12975 for collectors
- EN 12976 for factory made systems



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How the Solar Keymark works

Before I go into details:

Up to date information is available at

www.solarkeymark.org

Part of the work was financed by the European Commission, under the Intelligent Energy Europe programme

Intelligent Energy  **Europe**

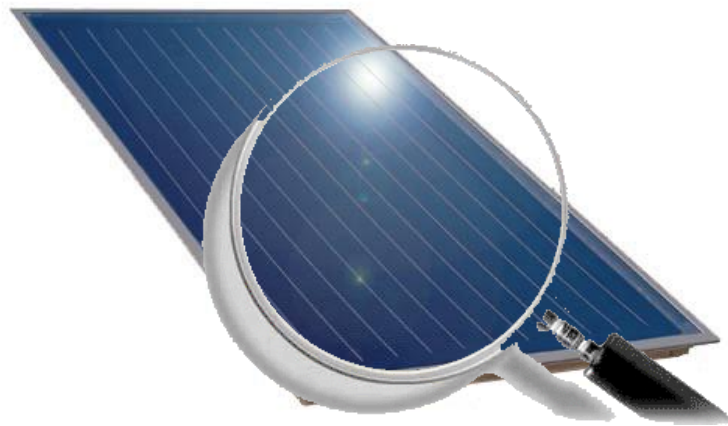


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How the Solar Keymark works

4 Key requirements:

- Initial type test at an accredited test lab
- Sample selected by inspector out of production or stock
- Factory production control system (similar to ISO 9000 series)
- Physical inspection of current product after 2 years



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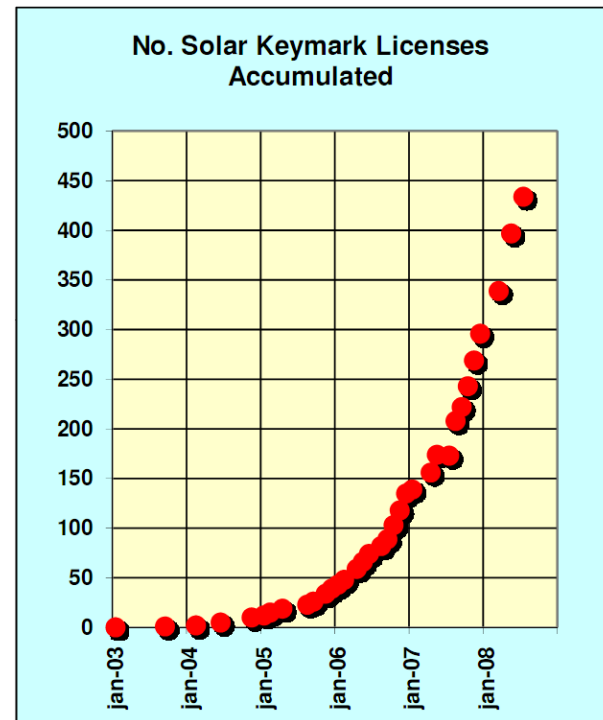
Certification bodies and testing labs

- Currently 5 empowered certification bodies
 - CERTIF (Portugal)
 - DIN CERTCO (Germany)
 - ELOT (Greece)
 - ICIM (IT)
 - SP (Sweden)
- 16 Keymark test labs for EN 12975 and EN 12976, for a list see www.solarkeymark.org



Acceptance by the industry

- First Solar Keymark collector: Thermomax in 2003
- First Solar Keymark system: Solahart in 2005



Solar Keymark Database

Collectors

2008-08-15

J.E.Nielsen

Red fields indicate that data are not available yet

Name of licensee with link to the web page of licensee (close link with "browser return")	Name of collector type	Country of licensee	License no. with link to data sheet	Certification body
A Concept Leszkovich GmbH	Sol Victor 1000	AT	011-7S427 F	DINCERTCO
A Concept Leszkovich GmbH	Sol Victor 2000	AT	011-7S428 F	DINCERTCO
A Concept Leszkovich GmbH	Sol Victor 3000	AT	011-7S429 F	DINCERTCO
A.O. Smith Waterproducts Company BV	AOSP-240	NL	011-7S242 F	DINCERTCO
ACV International, S.A.	KAPLAN 2.4	BE	PSK-002/2007	CERTIF
AKS Doma Solartechnik GmbH	Doma Flex 5130 14-20, 23-29, 31-37	AT	011-7S409 F	DINCERTCO
AKS Doma Solartechnik GmbH	Doma FLEX ALU 502 135-136,139-146, 294	AT	011-7S388 F	DINCERTCO
ALTUS ENERGY	AS 215	FR	011-7S395 F	DINCERTCO
ALTUS ENERGY	AS 250	FR	011-7S423 F	DINCERTCO
AMK Collectra AG	LPC10	CH	011-7S440 R	DINCERTCO
AMK Collectra AG	OPC 10, 15	CH	011-7S411 R	DINCERTCO
AMK Collectra AG	OWR12	CH	011-7S353 R	DINCERTCO
AO Sol - Energias Renovaveis, Lda	CPC 3E+	PT	PSK-013/2008	CERTIF
AO Sol - Energias Renovaveis, Lda	CPC AO 3E+	PT	PSK-013/2007	CERTIF
AO Sol - Energias Renovaveis, Lda	CPC AO SOL	PT	PSK-008/2007	CERTIF
Apricus Solar Co., ltd	AP-10, 18, 20, 22 & 30	CN	011-7S161 R	DINCERTCO
ARCON SOLVARME A/S	HT-SA	DK	011-7S110 F	DINCERTCO
Arsolar by Ramark srl	AR10HP70	IT	021BN/0	ICIM
Arsolar by Ramark srl	AR20HP70	IT	027BN/0	ICIM
AS Solar GmbH	AS-CPC 6/12/18	DE	011-7S196 R	DINCERTCO
AS Solar GmbH	AS-EFK 2.2	DE	011-7S208 F	DINCERTCO
AS Solar GmbH	AS-FK 2.3	DE	011-7S179 F	DINCERTCO
AS Solar GmbH	AS-FK 2.3	DE	011-7S446 F	DINCERTCO
Aspersia S.L.	SV-HP-10, SV-HP15, SV-HP-20	ES	011-7S345 R	DINCERTCO
Asunim Solar LDA Corgo da Zorra	CTA18	PT	011-7S139 F	DINCERTCO
Ati di Mariani & c. s. n. c.	Discoterm mod.135	IT	PSK-004/2007	CERTIF
AUGUST BRÖTJE GmbH Werke für Heizungstechnik	FK 26 W	DE	011-7S039 F	DINCERTCO
AUGUST BRÖTJE GmbH Werke für Heizungstechnik	IK 25 E	DE	011-7S037 F	DINCERTCO
AUGUST BRÖTJE GmbH Werke für Heizungstechnik	Solar Plus DF 20 / Solar Plus DF 30	DE	011-7S062 R	DINCERTCO
AUGUST BRÖTJE GmbH Werke für Heizungstechnik	Solar Plus HP 20 / Solar Plus HP 30	DE	011-7S061 R	DINCERTCO
AWB	SR 2.02	NL	011-7S121 F	DINCERTCO
Batec A/S	BA22, BA30	DK	SP 46 97 01	SP
Baxi Roca	NEOS-S	ES	011-7S303 F	DINCERTCO
Baxi Roca	PS 2.0	ES	011-7S287 F	DINCERTCO
Baxi Roca	PS 2.4	ES	011-7S277 F	DINCERTCO
Baxi UK	DF100 20, 30	UK	011-7S385 R	DINCERTCO
Baymak Mak. San. ve Tic. A. S	Selective Surface	TR	011-7S137 F	DINCERTCO
BBT Thermotechnik GmbH	SKB-s	DE	011-7S049 F	DINCERTCO
BBT Thermotechnik GmbH	SKC-s	DE	011-7S050 F	DINCERTCO
BBT Thermotechnik GmbH	SKT2-s	DE	011-7S053 F	DINCERTCO
BBT Thermotechnik GmbH	SKT3-s	DE	011-7S051 F	DINCERTCO
Bie Energie	BEF-1070	IT	027BN/0	ICIM

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Acceptance by Member States

- Most EU Member States accept Solar Keymark'ed products as eligible for support programmes
- Since 2003:
 - Sweden adapted national P-Mark to bring it inline with the Solar Keymark
 - Portuguese certificate equal to Solar Keymark
 - France accepts Solar Keymark'ed collectors for their national tax break
- BUT:
 - DE with additional requirements (Blue Angel)
 - ES requires ISO 9001 certificate
 - Various regional programmes have differing requirements thus hampering free trade



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