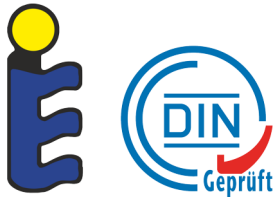


# CERTIFICATE

<b>Certificate holder</b>	<b>GEORGIOS MARKOPOULOS</b> <b>Mark- Solar</b> <b>2nd klm SPARTI - GYTHEIO</b> <b>231 00 Spárti</b> <b>GREECE</b>
<b>Production facility</b>	Argos
<b>Product</b>	Solar collectors
<b>Type, Model</b>	MARK-SOLAR 15, -17, -19, -20, -23, -25, -27, -29
<b>Testing basis</b>	DIN EN 12975-1:2011-01 DIN EN ISO 9806:2018-04 Solar KEYMARK Scheme Rules (2022-06)
<b>Mark of conformity</b>	
<b>Registration No.</b>	011-7S3180 F
<b>Valid until</b>	2026-11-30
<b>Right of use</b>	This certificate entitles the holder to use the mark of conformity shown above in conjunction with the specified registration number.  See annex for further information.

# ANNEX

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<b>Certificate</b>	011-7S3180 F dated 2023-07-03
<b>Technical Data</b>	See data sheet, part of the test report of 2023-06-01  Note(s):  - The freeze resistance test according to DIN EN ISO 9806, clause 14 was not necessary. According to the manufacturer's declaration, the certified solar collectors may be used in frost exposed areas only in combination with appropriate frost protection mixtures or with appropriate frost protection controller.
<b>Testing laboratory/ Inspection body</b>	Universität Stuttgart Institut für Gebäudeenergetik, Thermotechnik und Energie- speicherung Pfaffenwaldring 6-6 a 70569 Stuttgart GERMANY
<b>Test report(s)</b>	21COL16310EM08, 21COL16310QEM13, 21COL16320EM13 dated 2023-06-01

