Keymark Certificate

078/000429

AENOR certifies that the organization

BDR THERMEA GROUP B.V.

registered office	KANAAL ZUID, 106 7332 BD APELDOORN (Güeldres - Países Bajos)
supplies	**Factory made thermal solar heating systems**
in compliance with	UNE-EN 12976-1:2022 (EN 12976-1:2021)
Trade Mark	BAXI STS NEO BP 150 2.0 SCP, BAXI STS NEO BP 200 2.0 SCP, BAXI STS NEO BP 200 2.5 SCP, BAXI STS NEO BP 300 2.0 SCP, BAXI STS NEO BP 300 2.5 SCP
Technical information	Specified in Annexes to the Certificate
Production site	CL MANGANÈS, 2 08755 CASTELLBISBAL (Barcelona - España)
Certification scheme	In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 078.02.
First issued on	2025-06-06
Validity	2030-06-06

Rafael GARCÍA MEIRO
CEO

ENAC
CERTIFICACIÓN
ISO 17065
Nº1 / C-PR271

AENOR CONFÍA S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com

Summary of	EN12976-2	SOLAR SYSTEM test results	Licence Number	078/000429
Annex to Solar KEYMARK Certificate			Issued	2025-06-06

Company	BDR THERMEA GROUP B.V.		Country	NETHERLANDS	
Brand (optional)	BAXI		Website	http://www.bdrthermea.com	
Street	KANAAL ZUID, 106		E-mail	oscar.mongro@BDRThermea.com	
Postal Code	7332 BD	APELDOORN (Güeldres)	Tel. / Fax	+34	936.828.040

System classification	
Application(s)	Hot water
Solar loop, circulation principle	Thermosyphon
Direct solar loop / heat exchanger	Heat exchanger
Open, vented or closed solar loop	Closed
Drain back/down	Always filled (no drain)
Store location	Outdoor
Store orientation (of main axis)	Other
Type of auxiliary heating (internal back-up heat)	None
If other auxiliary/internal back-up heating, please specifiy:	
Solar+supplementary OR Solar-only / Solar pre-heat	Solar only / Solar preheat

Collector(s)

Company	BAXI		
Keymark lic.no. if available	*078/000423*		
Collector name	Per module		
	Gross Area (AG)	Gross length	Gross width
	m²	mm	mm
BAXI SLIM NEO 2.0	2,02	1757	1151
BAXI SLIM NEO 2.5	2,52	2191	1151

Heat store(s)

Company	BAXI					
Keymark lic.no. if available	-					
Store name	Total nominal volume	Gross height	Gross width	Gross depth	Auxiliary heated volume	Electrical aux. heating power
	litres	mm	mm	mm	litres	kW
STS+ 150L	145	1005	580	580	-	-
STS+ 200L	190	1255	580	580	-	-
STS+ 300L	270	1725	580	580	-	-

Solar loop controller			
Keymark lic.no. if available	+		
Company	+		
Name			
Solar loop pump - power range	- W	to	- W

Solar loop fluid		
Recommended/required	Required	
Company	-	
Name	Propylen-glycol solution	
Freezing point	*	°C

System family overview

Collector name	Number of collectors in each configuration for each store		
	Store name		
	STS+ 150L	STS+ 200L	STS+ 300L
BAXI SLIM NEO 2.0	1	1	2
BAXI SLIM NEO 2.5		1	2

Testing Laboratory	TÜV Rheinland Solar GmbH
Website	www.tuv.com/solar
Test report id. number	DE25J05Z 002 // DE250OXL 002
Date of test report	13.02.2025 // 03.06.2025

Comments of test lab

* The required concentration is between 0...45% according to local climate.

Stamp & signature of test lab

Summary of	EN12976-2	test results	Certification No.	078/000429
Annex to Solar KEYMARK Certificate			Issued	2025-06-06

Company	BDR THERMEA GROUP B.V.		Country	NETHERLANDS	
Brand (optional)	BAXI		Website	http://www.bdrthermea.com	
Street	KANAAL ZUID, 106		E-mail	oscar.mongro@BDRThermea.com	
Postal Code	7332 BD	APELDOORN (Güeldres)	Tel. / Fax	+34	936828040

Parameters for systems extrapolation (Annex D)

Collector of measured system		Storage tank of measured system	
A_{ref} [m^2]	2,02	Volume [l]	152
η_0	0,620	A_{hx} [m^2]	0,84
a_1 [W/Km^2]	3,169	Piping	
a_2 [W/Km^2]	0,023		
IAM (50º)	0,940	$U_{loop,p}$	0,77

System parameters

Name of System Configuration	Tested/Extrapol	A_c* [m^2]	u_c* [W/Km^2]	U_s [W/K]	C_s [MJ/K]	S_c [-]	D_L [-]	f_{aux} [-]
BAXI STS NEO BP 150 2.0 SCP	Tested/Extrapo	1,140	7,814	2,683	0,605	0,163	0,042	0,00
BAXI STS NEO BP 200 2.0 SCP	▼	1,148	7,814	3,201	0,788	0,163	0,042	0,00
BAXI STS NEO BP 200 2.5 SCP	▼	1,424	7,739	3,201	0,788	0,163	0,042	0,00
BAXI STS NEO BP 300 2.0 SCP	▼	2,276	7,569	4,175	1,122	0,163	0,042	0,00
BAXI STS NEO BP 300 2.5 SCP	▼	2,816	7,519	4,175	1,122	0,163	0,042	0,00
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Website	www.tuv.com/solar
Test report id. number	DE25J05Z 002 // DE250OXL 002
Date of test report	13.02.2025 // 03.06.2025
Test method	ISO 9459-5 (DST)

Comments of test lab	
No comments	Stamp & signature of test lab

All values are subject to some uncertainty; e.g. the uncertainty on system output is typically in the range of ± 5 % to ± 15 %

Version 4.5, 2017-10-24

Summary of	EN12976-2	test results	Certification No.	078/000429
Annex to Solar KEYMARK Certificate			Issued	2025-06-06

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Postal Code	7332 BD APELDOORN (Güeldres)	Tel. / Fax	+34 936828040

System family overview

Collector name	For each storage and collector size, give number of collectors		
	STS+ 150L	STS+ 200L	STS+ 300L
BAXI SLIM NEO 2.0	1	1	2
BAXI SLIM NEO 2.5		1	2

Name of system configuration					BAXI STS NEO BP 150 2.0 SCP	
Collector name	BAXI SLIM NEO 2.0	No. Collectors	1	Storage name	STS + 150L	

Calculated annual results for "solar-only / preheat system"

Location	Qd,sh	Daily drawoff 140 l				Daily drawoff 170 l				Daily drawoff 200 l			
		Qd,hw	QL	Qpar	fsol	Qd,hw	QL	Qpar	fsol	Qd,hw	QL	Qpar	fsol
	MJ/y	MJ/y	MJ/y	MJ/y	%	MJ/y	MJ/y	MJ/y	%	MJ/y	MJ/y	MJ/y	%
Stockholm SE	-	6150	2942	-	48	7821	3343	-	43	9492	3564	-	38
WürzburgDE	-	5897	2999	-	51	7506	3500	-	47	9114	3753	-	41
Davos CH	-	6654	4289	-	64	8483	4825	-	57	10281	5077	-	49
Athens GR	-	4573	3690	-	81	5834	4415	-	76	7064	4920	-	69

Perf. indicators for the table above

Qd,sh	MJ/y	**Not relevant for solar domestic hot water system**
Qd	MJ/y	**Annual heat demand for domestic hot water**
QL	MJ/y	**Annual heat energy delivered by the solar system**
Qpar	MJ/y	**Annual parasitic energy: (electricity for pumps/controllers)**
$f_{sol}=Q_L/Q_d$	-	**Solar fraction**

Ref. conditions		Stockholm SE	Würzburg DE	Davos CH	Athens GR
	G	1.157	1.230	1.684	1.736
	Ta,ave	7,5	9,0	3,2	18,5
	Tc,ave	8,5	10,0	5,4	17,8
	± ΔTc	6,4	3,0	0,8	7,4

G	kWh/m²	**Annual irradiation South, 45°**
Ta,ave	°C	**Annual average outdoor air temperature**
Tc,ave	°C	**Annual average mains cold water temp.**
ΔTc	K	**Seasonal variation of Tc**
Th	45 °C	**Desired hot water temperature (mixing valve temperature).**

Max. operating press. - collector side	250	kPa	Max. operating press. - tank side	800	kPa

Testing Laboratory	TÜV Rheinland Solar GmbH
Website	www.tuv.com/solar
Test report id. number	DE25J05Z 002 // DE250XL 002
Date of test report	13.02.2025 // 03.06.2025
Test method	ISO 9459-5 (DST)

Comments of test lab

No comments

Stamp & signature of test lab

All values are subject to some uncertainty; e.g. the uncertainty on system output is typically in the range of ± 5 % to ± 15 %

Version 4.5, 2017-10-24

Summary of	EN12976-2	test results	Certification No.	078/000429
Annex to Solar KEYMARK Certificate			Issued	2025-06-06

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Postal Code	7332 BD APELDOORN (Güeldres)	Tel. / Fax	+34 936828040

System family overview

Collector name	For each storage and collector size, give number of collectors		
	STS+ 150L	STS+ 200L	STS+ 300L
BAXI SLIM NEO 2.0	1	1	2
BAXI SLIM NEO 2.5		1	2

Name of system configuration					
Collector name	BAXI SLIM NEO 2.0	No. Collectors	1	Storage name	STS + 200L

Calculated annual results for "solar-only / preheat system"

Location	Qd,sh	Daily drawoff 140 l				Daily drawoff 170 l				Daily drawoff 200 l			
		Qd,hw	QL	Qpar	fsol	Qd,hw	QL	Qpar	fsol	Qd,hw	QL	Qpar	fsol
	MJ/y	MJ/y	MJ/y	MJ/y	%	MJ/y	MJ/y	MJ/y	%	MJ/y	MJ/y	MJ/y	%
Stockholm SE	-	7821	3311	-	42	9492	3595	-	38	11164	3816	-	34
WürzburgDE	-	7506	3437	-	46	9114	3816	-	42	10691	4037	-	38
Davos CH	-	8483	4730	-	56	10281	5140	-	50	12110	5361	-	44
Athens GR	-	5834	4352	-	75	7064	4983	-	70	8326	5424	-	65

Perf. indicators for the table above

Qd,sh	MJ/y	**Not relevant for solar domestic hot water system**
Qd	MJ/y	**Annual heat demand for domestic hot water**
QL	MJ/y	**Annual heat energy delivered by the solar system**
Qpar	MJ/y	**Annual parasitic energy: (electricity for pumps/controllers)**
$f_{sol}=Q_L/Q_d$	-	**Solar fraction**

Ref. conditions		Stockholm SE	Würzburg DE	Davos CH	Athens GR
	G	1.157	1.230	1.684	1.736
	Ta,ave	7,5	9,0	3,2	18,5
	Tc,ave	8,5	10,0	5,4	17,8
	± ΔTc	6,4	3,0	0,8	7,4

G	kWh/m²	**Annual irradiation South, 45°**
Ta,ave	°C	**Annual average outdoor air temperature**
Tc,ave	°C	**Annual average mains cold water temp.**
ΔTc	K	**Seasonal variation of Tc**
Th	45 °C	**Desired hot water temperature (mixing valve temperature).**

Max. operating press. - collector side	250	kPa	Max. operating press. - tank side	800	kPa

Testing Laboratory	TÜV Rheinland Solar GmbH
Website	www.tuv.com/solar
Test report id. number	DE25J05Z 002 // DE250XL 002
Date of test report	13.02.2025 // 03.06.2025
Test method	ISO 9459-5 (DST)

Comments of test lab

No comments

Stamp & signature of test lab

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Version 4.5, 2017-10-24

Summary of	EN12976-2	test results	Certification No.	078/000429
Annex to Solar KEYMARK Certificate			Issued	2025-06-06

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Postal Code	7332 BD APELDOORN (Güeldres)	Tel. / Fax	+34 936828040

System family overview

Collector name	For each storage and collector size, give number of collectors		
	STS+ 150L	STS+ 200L	STS+ 300L
BAXI SLIM NEO 2.0	1	1	2
BAXI SLIM NEO 2.5		1	2

Name of system configuration					BAXI STS NEO BP 200 2.5 SCP	
Collector name	BAXI SLIM NEO 2.5	No. Collectors	1	Storage name	STS + 200L	

Calculated annual results for "solar-only / preheat system"

Location	Qd,sh	Daily drawoff 140 l				Daily drawoff 170 l				Daily drawoff 200 l			
		Qd,hw	QL	Qpar	fsol	Qd,hw	QL	Qpar	fsol	Qd,hw	QL	Qpar	fsol
	MJ/y	MJ/y	MJ/y	MJ/y	%	MJ/y	MJ/y	MJ/y	%	MJ/y	MJ/y	MJ/y	%
Stockholm SE	-	7821	3721	-	48	9492	4163	-	44	11164	4447	-	40
WürzburgDE	-	7506	3816	-	51	9114	4320	-	48	10691	4667	-	44
Davos CH	-	8483	5456	-	64	10281	6023	-	59	12110	6370	-	53
Athens GR	-	5834	4699	-	81	7064	5424	-	77	8326	5992	-	72

Perf. indicators for the table above

Qd,sh	MJ/y	**Not relevant for solar domestic hot water system**
Qd	MJ/y	**Annual heat demand for domestic hot water**
QL	MJ/y	**Annual heat energy delivered by the solar system**
Qpar	MJ/y	**Annual parasitic energy: (electricity for pumps/controllers)**
$f_{sol}=Q_L/Q_d$	-	**Solar fraction**

Ref. conditions		Stockholm SE	Würzburg DE	Davos CH	Athens GR
	G	1.157	1.230	1.684	1.736
	Ta,ave	7,5	9,0	3,2	18,5
	Tc,ave	8,5	10,0	5,4	17,8
	± ΔTc	6,4	3,0	0,8	7,4

G	kWh/m²	**Annual irradiation South, 45°**
Ta,ave	°C	**Annual average outdoor air temperature**
Tc,ave	°C	**Annual average mains cold water temp.**
ΔTc	K	**Seasonal variation of Tc**
Th	45 °C	**Desired hot water temperature (mixing valve temperature).**

Max. operating press. - collector side	250	kPa	Max. operating press. - tank side	800	kPa

Testing Laboratory	TÜV Rheinland Solar GmbH
Website	www.tuv.com/solar
Test report id. number	DE25J05Z 002 // DE250XL 002
Date of test report	13.02.2025 // 03.06.2025
Test method	ISO 9459-5 (DST)

Comments of test lab

No comments

Stamp & signature of test lab

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Version 4.5, 2017-10-24

Summary of	EN12976-2	test results	Certification No.	078/000429
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System family overview

Collector name	For each storage and collector size, give number of collectors		
	STS+ 150L	STS+ 200L	STS+ 300L
BAXI SLIM NEO 2.0	1	1	2
BAXI SLIM NEO 2.5		1	2

Name of system configuration					
Collector name	BAXI SLIM NEO 2.0	No. Collectors	2	Storage name	STS + 300L

Calculated annual results for "solar-only / preheat system"

Location	Qd,sh	Daily drawoff 250 l				Daily drawoff 300 l				Daily drawoff 400 l			
		Qd,hw	QL	Qpar	fsol	Qd,hw	QL	Qpar	fsol	Qd,hw	QL	Qpar	fsol
	MJ/y	MJ/y	MJ/y	MJ/y	%	MJ/y	MJ/y	MJ/y	%	MJ/y	MJ/y	MJ/y	%
Stockholm SE	-	13939	6496	-	47	16746	6969	-	42	22327	7348	-	33
WürzburgDE	-	13371	6686	-	50	16052	7316	-	46	21413	7726	-	36
Davos CH	-	15137	9492	-	63	18165	10123	-	56	24220	10407	-	43
Athens GR	-	10407	8294	-	80	12488	9272	-	74	16651	10501	-	63

Perf. indicators for the table above

Qd,sh	MJ/y	**Not relevant for solar domestic hot water system**
Qd	MJ/y	**Annual heat demand for domestic hot water**
QL	MJ/y	**Annual heat energy delivered by the solar system**
Qpar	MJ/y	**Annual parasitic energy: (electricity for pumps/controllers)**
$f_{sol}=Q_L/Q_d$	-	**Solar fraction**

Ref. conditions		Stockholm SE	Würzburg DE	Davos CH	Athens GR
	G	1.157	1.230	1.684	1.736
	Ta,ave	7,5	9,0	3,2	18,5
	Tc,ave	8,5	10,0	5,4	17,8
	± ΔTc	6,4	3,0	0,8	7,4

G	kWh/m²	**Annual irradiation South, 45°**
Ta,ave	°C	**Annual average outdoor air temperature**
Tc,ave	°C	**Annual average mains cold water temp.**
ΔTc	K	**Seasonal variation of Tc**
Th	45 °C	**Desired hot water temperature (mixing valve temperature).**

Max. operating press. - collector side	250	kPa	Max. operating press. - tank side	800	kPa

Testing Laboratory	TÜV Rheinland Solar GmbH
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Test report id. number	DE25J05Z 002 // DE250OXL 002
Date of test report	13.02.2025 // 03.06.2025
Test method	ISO 9459-5 (DST)

Comments of test lab

No comments

Stamp & signature of test lab

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Version 4.5, 2017-10-24

Summary of	EN12976-2	test results	Certification No.	078/000429
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System family overview

Collector name	For each storage and collector size, give number of collectors		
	STS+ 150L	STS+ 200L	STS+ 300L
BAXI SLIM NEO 2.0	1	1	2
BAXI SLIM NEO 2.5		1	2

Name of system configuration					
Collector name	BAXI SLIM NEO 2.5	No. Collectors	2	Storage name	STS + 300L

Calculated annual results for "solar-only / preheat system"

Location	Qd,sh	Daily drawoff 250 l				Daily drawoff 300 l				Daily drawoff 400 l			
		Qd,hw	QL	Qpar	fsol	Qd,hw	QL	Qpar	fsol	Qd,hw	QL	Qpar	fsol
	MJ/y	MJ/y	MJ/y	MJ/y	%	MJ/y	MJ/y	MJ/y	%	MJ/y	MJ/y	MJ/y	%
Stockholm SE	-	13939	7190	-	52	16746	7852	-	47	22327	8483	-	38
WürzburgDE	-	13371	7316	-	55	16052	8105	-	51	21413	8925	-	42
Davos CH	-	15137	10628	-	70	18165	11574	-	64	24220	12173	-	50
Athens GR	-	10407	8767	-	85	12488	9997	-	80	16651	11605	-	70

Perf. indicators for the table above

Qd,sh	MJ/y	**Not relevant for solar domestic hot water system**
Qd	MJ/y	**Annual heat demand for domestic hot water**
QL	MJ/y	**Annual heat energy delivered by the solar system**
Qpar	MJ/y	**Annual parasitic energy: (electricity for pumps/controllers)**
$f_{sol}=Q_L/Q_d$	-	**Solar fraction**

Ref. conditions		Stockholm SE	Würzburg DE	Davos CH	Athens GR
	G	1.157	1.230	1.684	1.736
	Ta,ave	7,5	9,0	3,2	18,5
	Tc,ave	8,5	10,0	5,4	17,8
	± ΔTc	6,4	3,0	0,8	7,4

G	kWh/m²	**Annual irradiation South, 45°**
Ta,ave	°C	**Annual average outdoor air temperature**
Tc,ave	°C	**Annual average mains cold water temp.**
ΔTc	K	**Seasonal variation of Tc**
Th	45 °C	**Desired hot water temperature (mixing valve temperature).**

Max. operating press. - collector side	250	kPa	Max. operating press. - tank side	800	kPa

Testing Laboratory	TÜV Rheinland Solar GmbH
Website	www.tuv.com/solar
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Date of test report	13.02.2025 // 03.06.2025
Test method	ISO 9459-5 (DST)

Comments of test lab

No comments

Stamp & signature of test lab

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Version 4.5, 2017-10-24

Summary of	EN12976-2	test results	Certification No.	078/000429
Annex to Solar KEYMARK Certificate			Issued	2025-06-06

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Postal Code	7332 BD	APELDOORN (Güeldres)	Tel. / Fax	+34	936828040

System family overview

Collector name	For each storage and collector size, give number of collectors		
	STS+ 150L	STS+ 200L	STS+ 300L
BAXI SLIM NEO 2.0	1	1	2
BAXI SLIM NEO 2.5		1	2

Annual performance parameters in the frame of the EU regulation CDR 811, 812 and 813 dated 2013

Name of system configuration				Storage name	
	BAXI STS NEO BP 150 2.0 SCP				
Collector name	BAXI SLIM NEO 2.0	No. Collectors	1		STS + 150L

Annual performance parameters in the frame of the EU regulation CDR 811, 812 and 813 dated 2013

Load profile	M	L	XL	XXL	
Annual heat demand (kWh)	1523	2799	4427	5626	
Auxiliary heat contribution		Qnonsol			section 5.9.3.6, see note 1
Average climate (kWh)	565	1534	2987	4159	Strasbourg
Cold climate (kWh)	816	1876	3373	4546	Helsinki
Hot climate (kWh)	223	972	2319	3465	Athens
Qaux (kWh)	-	-	-	-	section 5.9.3.4, see note 1
Comply to the load profile (Yes/No)	-	-	-	-	section 5.10.6 , see note 1
ηwh_nonsol (%)	-	-	-	-	section 5.9.3.5 , see note 1
Qelec (kWh)	-	-	-	-	section 5.9.3.5 , see note 1
Qfuel (kWh)	-	-	-	-	section 5.9.3.5 , see note 1
V40, measured (l)	-	-	-	-	section 5.10.7, see note 1

Auxiliary thermostat setting	-	ºC	Effective power of auxiliary heater	-	kW

Note 1: Clause of EN 12976-2:2019

Testing Laboratory	TÜV Rheinland Solar GmbH
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Test report id. number	DE25J05Z 002 // DE250OXL 002
Date of test report	13.02.2025 // 03.06.2025
Test method	ISO 9459-5 (DST)

Comments of test lab	
No comments	Stamp & signature of test lab

Summary of	EN12976-2	test results	Certification No.	078/000429
Annex to Solar KEYMARK Certificate			Issued	2025-06-06

Company	BDR THERMEA GROUP B.V.	Country	NETHERLANDS
Brand (optional)	BAXI	Website	http://www.bdrthermea.com
Street	KANAAL ZUID, 106	E-mail	oscar.mongro@BDRThermea.com
Postal Code	7332 BD APELDOORN (Güeldres)	Tel. / Fax	+34 936828040

System family overview

Collector name	For each storage and collector size, give number of collectors		
	STS+ 150L	STS+ 200L	STS+ 300L
BAXI SLIM NEO 2.0	1	1	2
BAXI SLIM NEO 2.5		1	2

Annual performance parameters in the frame of the EU regulation CDR 811, 812 and 813 dated 2013

Name of system configuration				Storage name	
	BAXI STS NEO BP 200 2.0 SCP				
Collector name	BAXI SLIM NEO 2.0	No. Collectors	1		STS + 200L

Annual performance parameters in the frame of the EU regulation CDR 811, 812 and 813 dated 2013

Load profile	M	L	XL	XXL	
Annual heat demand (kWh)	1523	2799	4427	5626	
Auxiliary heat contribution		Qnonsol			section 5.9.3.6, see note 1
Average climate (kWh)	574	1499	2925	4080	Strasbourg
Cold climate (kWh)	828	1850	3338	4502	Helsinki
Hot climate (kWh)	232	901	2222	3351	Athens
Qaux (kWh)	-	-	-	-	section 5.9.3.4, see note 1
Comply to the load profile (Yes/No)	-	-	-	-	section 5.10.6 , see note 1
ηwh_nonsol (%)	-	-	-	-	section 5.9.3.5 , see note 1
Qelec (kWh)	-	-	-	-	section 5.9.3.5 , see note 1
Qfuel (kWh)	-	-	-	-	section 5.9.3.5 , see note 1
V40, measured (l)	-	-	-	-	section 5.10.7, see note 1

Auxiliary thermostat setting	-	ºC	Effective power of auxiliary heater	-	kW

Note 1: Clause of EN 12976-2:2019

Testing Laboratory	TÜV Rheinland Solar GmbH
Website	www.tuv.com/solar
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Postal Code	7332 BD	APELDOORN (Güeldres)	Tel. / Fax	+34	936828040

System family overview

Collector name	For each storage and collector size, give number of collectors		
	STS+ 150L	STS+ 200L	STS+ 300L
BAXI SLIM NEO 2.0	1	1	2
BAXI SLIM NEO 2.5		1	2

Annual performance parameters in the frame of the EU regulation CDR 811, 812 and 813 dated 2013

Name of system configuration				Storage name	
	BAXI STS NEO BP 200 2.5 SCP				
Collector name	BAXI SLIM NEO 2.5	No. Collectors	1		STS + 200L

Annual performance parameters in the frame of the EU regulation CDR 811, 812 and 813 dated 2013

Load profile	M	L	XL	XXL	
Annual heat demand (kWh)	1523	2799	4427	5626	
Auxiliary heat contribution		Qnonsol			section 5.9.3.6, see note 1
Average climate (kWh)	495	1314	2679	3817	Strasbourg
Cold climate (kWh)	759	1710	3145	4300	Helsinki
Hot climate (kWh)	161	699	1897	2991	Athens
Qaux (kWh)	-	-	-	-	section 5.9.3.4, see note 1
Comply to the load profile (Yes/No)	-	-	-	-	section 5.10.6 , see note 1
ηwh_nonsol (%)	-	-	-	-	section 5.9.3.5 , see note 1
Qelec (kWh)	-	-	-	-	section 5.9.3.5 , see note 1
Qfuel (kWh)	-	-	-	-	section 5.9.3.5 , see note 1
V40, measured (l)	-	-	-	-	section 5.10.7, see note 1

Auxiliary thermostat setting	-	ºC	Effective power of auxiliary heater	-	kW

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System family overview

Collector name	For each storage and collector size, give number of collectors		
	STS+ 150L	STS+ 200L	STS+ 300L
BAXI SLIM NEO 2.0	1	1	2
BAXI SLIM NEO 2.5		1	2

Annual performance parameters in the frame of the EU regulation CDR 811, 812 and 813 dated 2013

Name of system configuration					BAXI STS NEO BP 300 2.0 SCP
Collector name	BAXI SLIM NEO 2.0	No. Collectors	2	Storage name	STS + 300L

Annual performance parameters in the frame of the EU regulation CDR 811, 812 and 813 dated 2013

Load profile	M	L	XL	XXL	
Annual heat demand (kWh)	1523	2799	4427	5626	
Auxiliary heat contribution		Qnonsol			section 5.9.3.6, see note 1
Average climate (kWh)	372	963	1994	3000	Strasbourg
Cold climate (kWh)	654	1428	2635	3694	Helsinki
Hot climate (kWh)	65	357	1037	1884	Athens
Qaux (kWh)	-	-	-	-	section 5.9.3.4, see note 1
Comply to the load profile (Yes/No)	-	-	-	-	section 5.10.6 , see note 1
ηwh_nonsol (%)	-	-	-	-	section 5.9.3.5 , see note 1
Qelec (kWh)	-	-	-	-	section 5.9.3.5 , see note 1
Qfuel (kWh)	-	-	-	-	section 5.9.3.5 , see note 1
V40, measured (l)	-	-	-	-	section 5.10.7, see note 1

Auxiliary thermostat setting	-	ºC	Effective power of auxiliary heater	-	kW

Note 1: Clause of EN 12976-2:2019

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	STS+ 150L	STS+ 200L	STS+ 300L
BAXI SLIM NEO 2.0	1	1	2
BAXI SLIM NEO 2.5		1	2

Annual performance parameters in the frame of the EU regulation CDR 811, 812 and 813 dated 2013

Name of system configuration					BAXI STS NEO BP 300 2.5 SCP
Collector name	BAXI SLIM NEO 2.5	No. Collectors	2	Storage name	STS + 300L

Annual performance parameters in the frame of the EU regulation CDR 811, 812 and 813 dated 2013

Load profile	M	L	XL	XXL	
Annual heat demand (kWh)	1523	2799	4427	5626	
Auxiliary heat contribution		Qnonsol			section 5.9.3.6, see note 1
Average climate (kWh)	320	831	1739	2657	Strasbourg
Cold climate (kWh)	601	1314	2433	3430	Helsinki
Hot climate (kWh)	38	251	791	1480	Athens
Qaux (kWh)	-	-	-	-	section 5.9.3.4, see note 1
Comply to the load profile (Yes/No)	-	-	-	-	section 5.10.6 , see note 1
ηwh_nonsol (%)	-	-	-	-	section 5.9.3.5 , see note 1
Qelec (kWh)	-	-	-	-	section 5.9.3.5 , see note 1
Qfuel (kWh)	-	-	-	-	section 5.9.3.5 , see note 1
V40, measured (l)	-	-	-	-	section 5.10.7, see note 1

Auxiliary thermostat setting	-	ºC	Effective power of auxiliary heater	-	kW

Note 1: Clause of EN 12976-2:2019

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