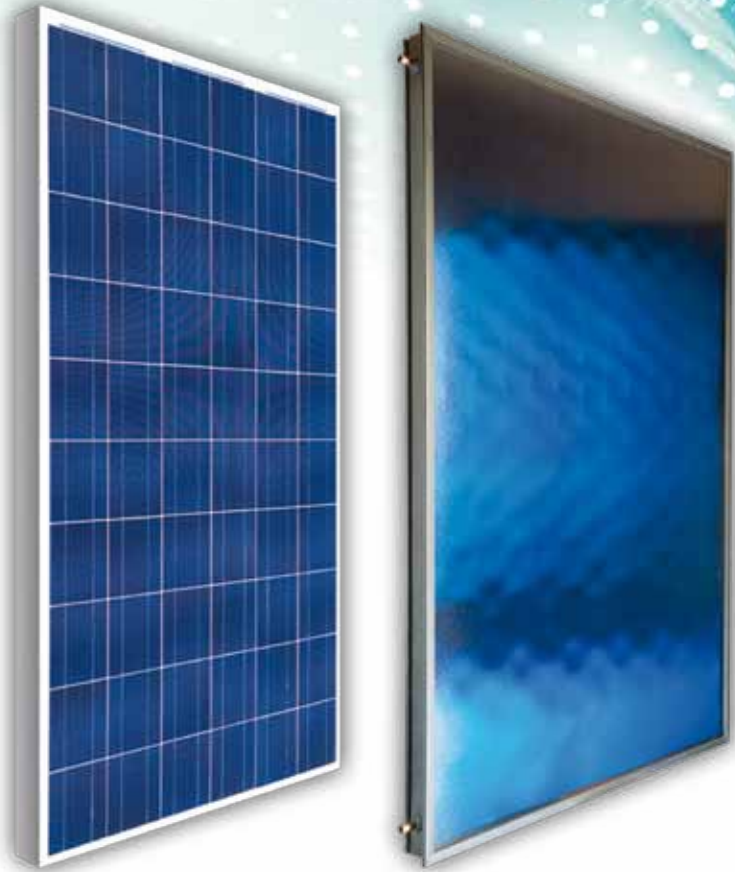


SOLAR ENERGY SYSTEMS

PV Energy Systems & Solar Thermal Systems



 **bbaymak**

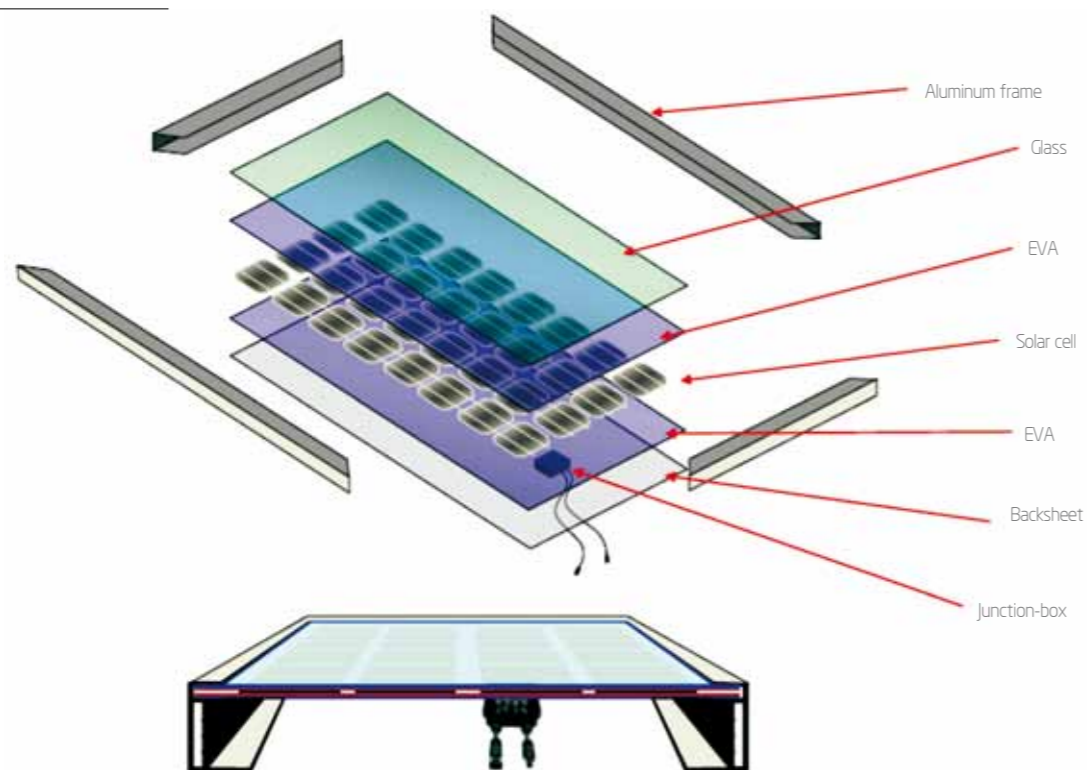
BDR  **THERMEA**

PV ENERGY SYSTEMS

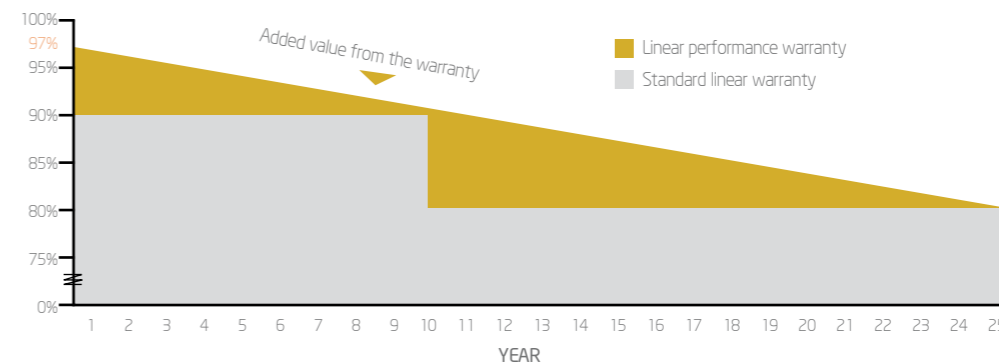


- High efficiency modules made of polycrystalline cell technology
- 5-year product warranty, 25-year performance warranty, 45-year useful life
- Industry standards: IEC 61215, IEC 61730 certified
- Optimum results even under low radiation
- Special technology which traps inside the image
- Shock and wind resistant 3,2 mm tempered glass
- Protection against corrosion and UV rays

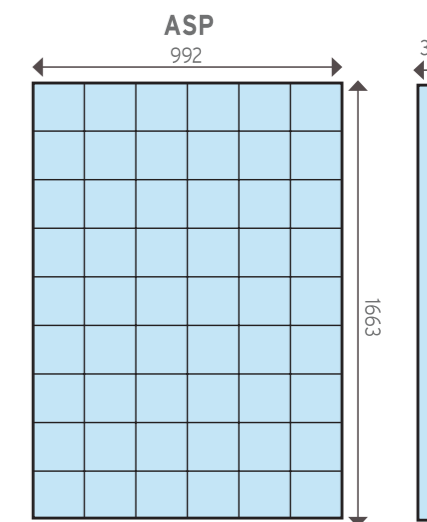
Panel Components



Performance Guarantee:



Baymak panel's performance and system production values are under performance guarantee for 25 years. The amount of electricity generated by the system for 25 years is exactly calculated by $\pm 5\%$ deviation. In this way, investors can clearly see their gain.



Technical Data Sheet

Electrical Data (Typical)

Module Description	Peak Power Mpp ¹	Voltage at Mpp ¹	Current at Mpp ¹	Open Circuit Voltage	Short Circuit Current
ASP 245 NEC	245 W	30,52 V	8,03 A	36,82 V	8,52 A

¹ Mpp; Operation values at maximum power point. The above values are indicated under the values of the standard test conditions of 1000 W/m², AM 1.5 and 25 °C.

Mechanical Specifications

Size (h x w x d)	1663 x 992 x 33 mm
Module Area	1,65 m ²
Weight	18 kg
Number of cells	60 th
Cell Encapsulation	Bridgestone EVA Sky
Cell Structure	Poly Si 6" (156 mm x 156 mm)
Junction-box	Tyco Solarlok
Diodes	3 by-pass diode (Tyco SL 1515; 16A)
Windshield	3,2 mm prismatic, safety glass, Trakya Glass
Back Cover	AAA Isolvolta
Frame	Anodized aluminum frame

Temperature Coefficients

Tc Voltage	-0,31 %/K
Tc Current	0,048 %/K
Tc Mpp Power	0,42 %/K
NOCT ²	47,1 °C
Partial load performance ³	96,3 %

Allowable Operating Conditions

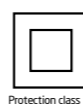
Temperature Range	(-40) - (+85) °C
Hail Resistance	Max. Diameter = 28 mm Speed = 86 km/h
Maximum Surface Durability	5400 Pa
Maximum System Voltage	1000 V

² NOCT; Nominal cell operating temperature (measurement conditions: radiation of 800 W/m², atmospheric pressure of AM 1.5 ambient temperature of 25 °C, wind velocity of 1 m/s)

³ Productivity decrease (as the measurement condition is reduced from radiation value of 1000 W/m² to radiation value of 200 W/m²)

Warranties and Certificates

Product Guarantee	5 years
Performance Guarantee	97 % power output guarantee for the first year; 0.70 % linear loss per annum for the following 25 years
Approval and Standards	IEC 61215, IEC 61730, Protection class II, IP 65
TÜV Certificate No.	21167900, 21167901 60042297, 60042656



IP65 CE

Inverter Technical Specifications

In order to use the energy produced by the PV modules for domestic use or for other places, it should be converted to AC. The inverters are devices that convert DC into AC. Inverters can be worked both as non-grid-connected or as grid-connected inverters. Different products and technologies specific for both applications are available.

Technical Information	Sunny Mini Central 11000 TL	Sunny Tripower 15000 TL-10 Economic Excellence	Sunny Tripower 20000 TL-10 Economic Excellence	Sunny Tripower 10000 TL	Sunny Tripower 6000 TL-20
Input values					
PV Voltage Range (MPP) (Voc)	333 V - 500 V	580 V - 800 V	580 V - 800 V	320 V - 800 V	295 V - 800 V
Maximum Input Voltage (Vdc)	700 V	1000 V	1000 V	1000 V	1000 V
Maximum Input Current (Ioc)	34 A	36 A	36 A	22 A / 11 A	11 A / 10 A
Maximum DC Power	11400 W	15260 W	20450 W	10200 W	6125 W
Output Ratings					
Nominal AC Power (W)	11000 W	15000 W	20000 W	10000 W	6000 W
Maximum AC Power (VA)	11000 VA	15000 VA	20000 VA	10000 VA	6000 VA
Electric Network Voltage / Frequency	50 Hz, 60 Hz / -6 Hz .. +5 Hz	50 Hz, 60Hz / -6 Hz .. +5 Hz	50 Hz, 60Hz / -6 Hz .. +5 Hz	50 Hz, 60Hz / -6 Hz .. +5 Hz	50 Hz, 60 Hz / -5 Hz .. +5 Hz
n efficiency	97,7 % / 97,2 %	98,5 % / 98,3 %	98,5 % / 98,2 %	98,1 % / 97,7 %	98,1 % / 97,4 %
General Specifications					
Operating Temperature	-25 °C .. +60 °C	-25 °C .. +60 °C	-25 °C .. +60 °C	-25 °C .. +60 °C	-25 °C .. +60 °C
IP Class	IP65	IP65	IP65	IP65	IP65
Weight	35 kg	45 kg	45 kg	64 kg	37 kg
Dimensions	468 / 613 / 242 mm	665 / 680 / 265 mm	665 / 680 / 265 mm	665 / 690 / 265 mm	470 / 730 / 240 mm
Warranty	5 yıl	5 yıl	5 yıl	5 yıl	5 yıl

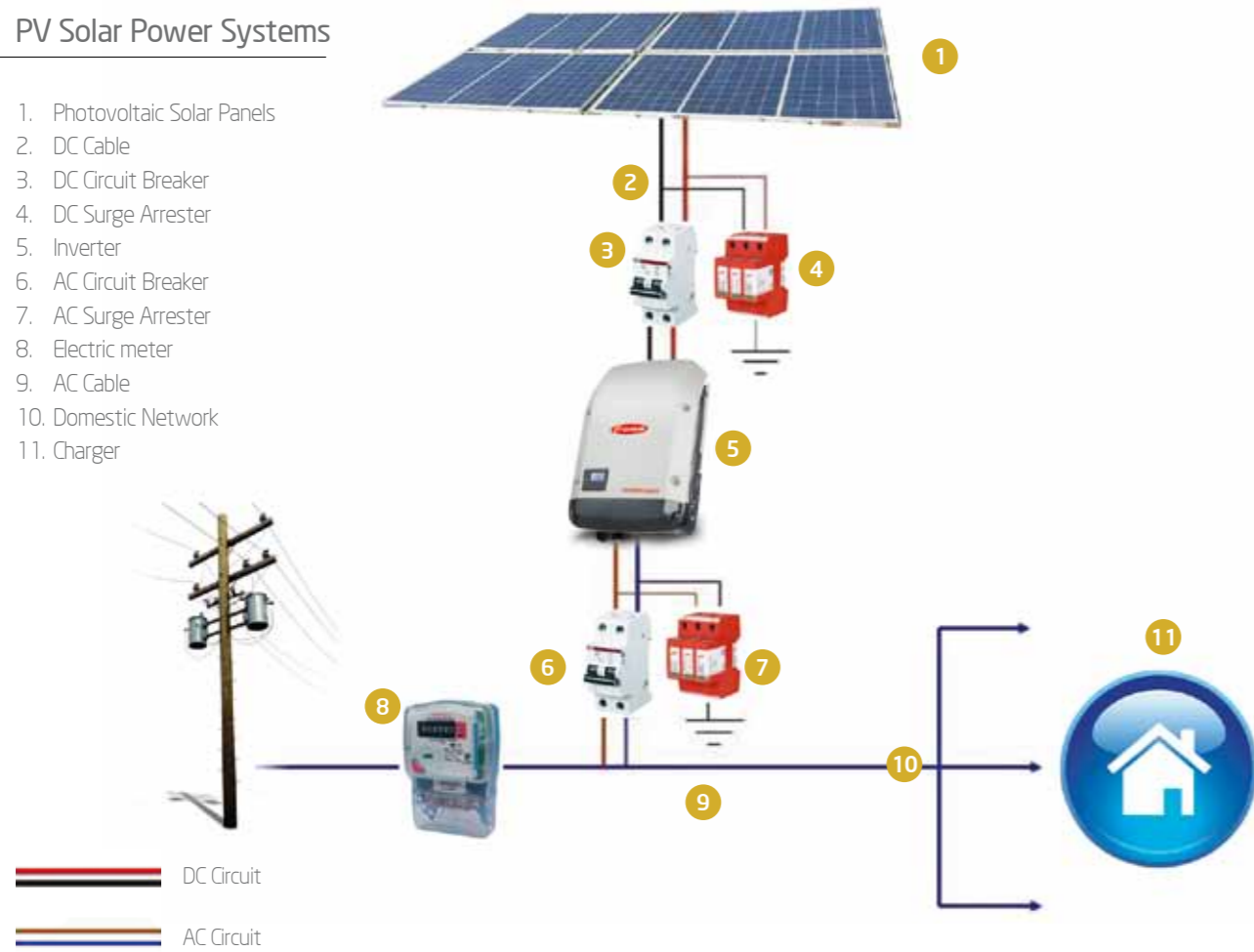
Technical Information	Sunny Tripower 7000 TL-20	Sunny Tripower 8000 TL-10	Sunny Boy 4000 TL-21	Sunny Boy 3000 TLST-21	Sunny Boy 2100 TL	Sunny Boy 1300 TL
Input values						
PV Voltage Range (MPP) (Voc)	290 V - 800 V	330 V - 800 V	175 V - 500 V	213 V - 500 V	200 V - 480 V	125 V - 480 V
Maximum Input Voltage (Vdc)	1000 V	1000 V	750 V	750 V	600 V	600 V
Maximum Input Current (Ioc)	15 A / 10 A	15 A / 10 A	15 A / 15 A	15 A	11 A	11 A
Maximum DC Power	7175 W	8200 W	4200 W	3200 W	2200 W	1400 W
Output Ratings						
Nominal AC Power (W)	7000 W	8000 W	4000 W	3000 W	1950 W	1300 W
Maximum AC Power (VA)	7000 VA	8000 VA	4000 VA	3000 VA	2100 VA	1300 VA
Electric Network Voltage/Frequency	50 Hz, 60 Hz / -5 Hz .. +5 Hz	50 Hz, 60 Hz / -5 Hz .. +5 Hz	50 Hz, 60 Hz / -5 Hz .. +5 Hz	50 Hz, 60 Hz / -5 Hz .. +5 Hz	50 Hz / -4,5 Hz .. +2,5 Hz	50 Hz / -4,5 Hz .. +2,5 Hz
n efficiency	98 % / 97,5 %	98 % / 97,6 %	97 % / 96,4 %	97 % / 96 %	96 % / 95,2 %	96 % / 94,3 %
General Specifications						
Operating Temperature	-25 °C .. +60 °C	-25 °C .. +60 °C	-25 °C .. +60 °C	-25 °C .. +60 °C	-25 °C .. +60 °C	-25 °C .. +60 °C
IP Class	IP65	IP65	IP65	IP65	IP65	IP65
Weight	37 kg	37 kg	26 kg	23 kg	16 kg	16 kg
Dimensions	470 / 730 / 240 mm	470 / 730 / 240 mm	490 / 519 / 185 mm	490 / 519 / 185 mm	440 / 339 / 214 mm	440 / 339 / 214 mm
Warranty	5 year	5 year	5 year	5 year	5 year	5 year



PV ENERGY SYSTEMS

PV Solar Power Systems

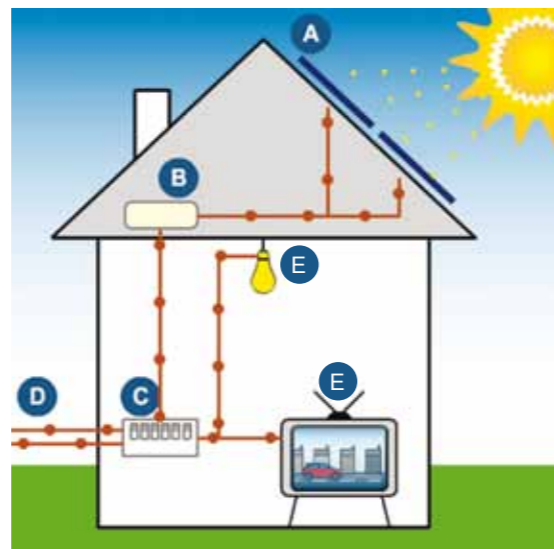
1. Photovoltaic Solar Panels
2. DC Cable
3. DC Circuit Breaker
4. DC Surge Arrester
5. Inverter
6. AC Circuit Breaker
7. AC Surge Arrester
8. Electric meter
9. AC Cable
10. Domestic Network
11. Charger



Construction Applications



- On the roof**
- 1. With an additional structure on roofing
 - 2. As roofing
 - 3. Sawtooth on terraced roof
 - 4. Terrace roofing
- Over the Frontage**
- 5. With an additional structure over the frontage
 - 6. As exterior coating materials
- Different Building Departments**
- 7. Parapet
 - 8. Sunshades
- Independent System**
- 9. Onto the ground



- A. PV Module
- B. Inverter
- C. Bi-directional Counter
- D. Network
- E. Load

Technical Data Sheet

Package Systems	Product	Model	Quantity
BAYMAK 1,47 kW Capacity Package System	PV Solar Panel	ANELSOLAR 245	6
	Inverter	SMA Sunny Boy 1300	1
	Panel and Switchgear Equipment		1
BAYMAK 2,205 kW Capacity Package System	PV Solar Panel	ANELSOLAR 245	9
	Inverter	SMA Sunny Boy 2100 TL	1
	Panel and Switchgear Equipment		1
BAYMAK 2,94 kW Capacity Package System	PV Solar Panel	ANELSOLAR 245	12
	Inverter	SMA Sunny Boy 3000 TLST-21	1
	Panel and Switchgear Equipment		1
BAYMAK 4,41 kW Capacity Package System	PV Solar Panel	ANELSOLAR 245	18
	Inverter	SMA Sunny Boy 4000 TL 21	1
	Panel and Switchgear Equipment		1
BAYMAK 5,88 kW Capacity Package System	PV Solar Panel	ANELSOLAR 245	24
	Inverter	SMA Sunny Tripower 6000 TL	1
	Panel and Switchgear Equipment		1
BAYMAK 7,35 kW Capacity Package System	PV Solar Panel	ANELSOLAR 245	30
	Inverter	SMA Sunny Tripower 7000 TL 20	1
	Panel and Switchgear Equipment		1
BAYMAK 8,82 kW Capacity Package System	PV Solar Panel	ANELSOLAR 245	36
	Inverter	SMA Sunny Tripower 8000 TL 20	1
	Panel and Switchgear Equipment		1
BAYMAK 10,29 kW Capacity Package System	PV Solar Panel	ANELSOLAR 245	42
	Inverter	SMA Sunny Tripower 10000 TL 10	1
	Panel and Switchgear Equipment		1
BAYMAK 16,17 kW Capacity Package System	PV Solar Panel	ANELSOLAR 245	66
	Inverter	SMA Sunny Tripower 15000 TLEE 10	1
	Panel and Switchgear Equipment		1
BAYMAK 22,05 kW Capacity Package System	PV Solar Panel	ANELSOLAR 245	90
	Inverter	SMA Sunny Tripower 20000 TLEE 10	1
	Panel and Switchgear Equipment		1
BAYMAK 35,28 kW Capacity Package System	PV Solar Panel	ANELSOLAR 245	144
	Inverter	SMA Sunny Mini Central 11000 TL	3
	Panel and Switchgear Equipment		1

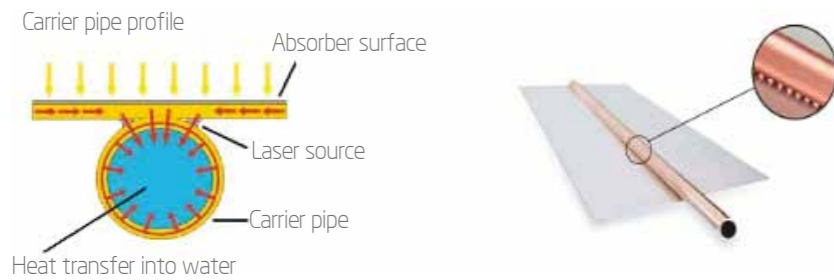


SOLAR COLLECTORS



Divided into two applications as automation-assisted and natural circulation. In the automation-assisted system there double serpentine enamel-coated boiler and equipments, whereas in the natural circulation systems there are models with 160/200 and 300 l oblique type enamel-coated tanks.

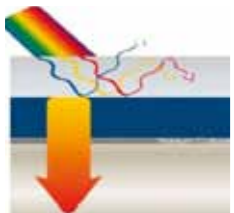
Laser Welding Technology



In the new series solar collectors, absorber surfaces and carrier pipes are integrated with laser welding technology. The major advantage of the LASER welding method is that the welding is applied without giving any damage and leaving any mark over the selective surface of the absorber plate.



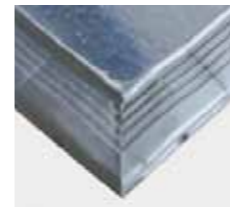
Manifold Gasket: In the new series solar collectors UV-resistant silicone is used as manifold's retainer gasket in order to prevent water intrusion into the collector due to the facts such as rain and snow. Silicone gasket provides resistance against high temperatures to be formed over the manifold.



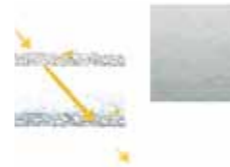
Absorber Plate: The selective absorber surface with titanium nitric oxide coated over copper and aluminum used in the new solar collectors transfers the radiation heat from the sun to the plate at a maximum level and reflection losses that lead to decrease in efficiency are eliminated.



Casing Profile: Chassis used in new series solar collectors is specially designed and thanks to the patented technology, all the elements of the structure is assembled at once.



Glass Seal: The new series solar collectors UV-resistant vulcanized EPDM is used as glass sealing in order to prevent water intrusion into the collector due to the facts such as rain and snow. The glass seal ensures a complete sealing against leakages to be formed over the corner points.



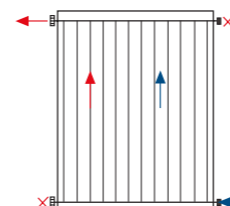
Solar Glass: "Sandy patterned" low-alloyed ferrous tempered glass minimizes the reflection of the sun rays allows them to enter into collector at maximum level. In this way, the efficiency of the collector increases. Sandy patterned glass is produced in Turkey and it is among the highest performance sun collector glasses in Europe.



Isolation: In the new series solar collectors, high thermal insulated and high intensity 40 mm thick rockwool is used.



Bottom Gofrage: In the new series solar collectors, 0.8 mm thick hardened anodized aluminum plate resistant to external factors is used. Aluminum plate provides the highest resistance against physical factors such as, transportation, installation, rain, snow, wind, and temperature.



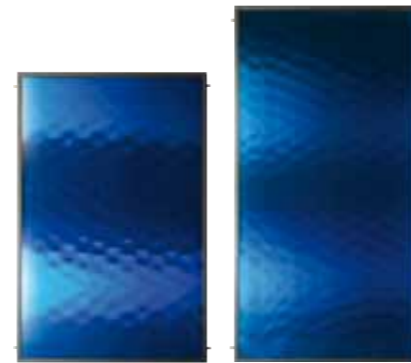
Harp System: In order to transfer heat from the high-efficiency glass and selective surface used in the new series solar collectors into the water precisely, the harp system with copper carrier pipe is used.



ADVANCED Series (X - XL)

Technical Specifications

- Long-lasting with the reinforced chassis
- Resistant to shocks with aluminum bottom cover
- Laser welded pipes provides higher heat transfer
- Special 40 mm thick rockwool insulation prevents heat loss
- 4 mm thick, sandy patterned solar collector glass has high transmittance of light
- Titanium coated absorber surface is made of copper
- Gross surface area: X-Series are 2,00 m² and XL series are 2.51 m²
- Provides safe working conditions up to 200 °C and 10 bar
- ADVANCED X - XL collectors with their black anodized chassis present a stylish-image



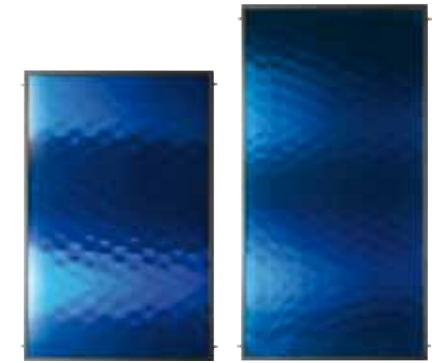
Technical Data Sheet

Package Systems	ADVANCED X	ADVANCED XL
Gross Area	2,00 m ²	2,51 m ²
Clearing	1,87 m ²	2,34 m ²
Absorbing Surface Area	1,87 m ²	2,34 m ²
Absorbing Surface Type	Cooper	Cooper
Absorbing Surface Coating Type	Sellektif	Sellektif
Transmittence	95 %	95 %
Emission / Reflection	5 %	5 %
Chassis	Black Anodized Aluminum	Black Anodized Aluminum
Glass Type	Low-Iron, Tempered, Sandy Patterned Solar Glass	Low-Iron, Tempered, Sandy Patterned Solar Glass
Glass Thickness	4 mm	4 mm
Daylight Transmittence Td65	91,6 %	91,6 %
Solar Energy Transmittence Tsol	90,5 %	90,5 %
Glass Seal	Vulcanized EPDM	Vulcanized EPDM
Isolation	RockWool (40 mm)	RockWool (40 mm)
Lower Cover	Aluminum	Aluminum
Number of Carrier Pipes	12	12
Carrier Pipe Diameter Ø mm	10 mm	10 mm
Manifold Diameter Ø mm	18 mm (3/4")	18 mm (3/4")
Connection Type	Ermeto Link	Ermeto Link
Water Volume	1,8 liter	2,2 liter
Working Pressure	10 bar	10 bar
Test Pressure	15 bar	15 bar
Maximum Temperature	200 °C	200 °C
Stagnation Temperature	180 °C	180 °C
Length	1750 mm	2180 mm
Width	1150 mm	1150 mm
Height	80 mm	80 mm
Weight	41 kg	49 kg
Efficiency η ₀	76,8 %	78 %

ESSENTIAL BLACK Series (X-XL)

Technical Specifications

- Long-lasting with the reinforced chassis
- Resistant to shocks with aluminum bottom cover
- Laser welded pipes provides higher heat transfer
- Special 40 mm thick rockwool insulation prevents heat loss
- 4 mm thick, sandy patterned solar collector glass has high transmittance of light
- Titanium coated absorber surface is made of copper
- Gross surface area: X-Series are 2,00 m² and XL-Series are 2.51 m²
- Provides safe working conditions up to 200 °C and 10 bar
- ESSENTIAL BLACK X - XL collectors with their black anodized chassis present a stylish-image



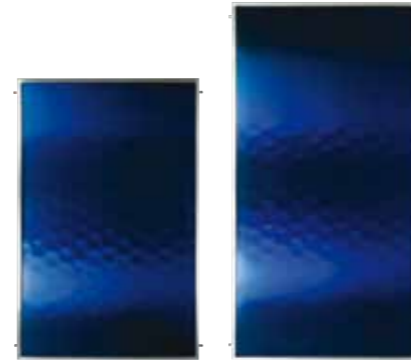
Technical Data Sheet

Package Systems	ESSENTIAL BLACK X	ESSENTIAL BLACK XL
Gross Area	2,00 m ²	2,51 m ²
Clearing	1,87 m ²	2,34 m ²
Absorbing Surface Area	1,87 m ²	2,34 m ²
Absorbing Surface Type	Aluminum	Aluminum
Absorbing Surface Coating Type	Sellektif	Sellektif
Transmittence	95 %	95 %
Emission / Reflection	5 %	5 %
Chassis	Black Anodized Aluminum	Black Anodized Aluminum
Glass Type	Low-Iron, Tempered, Sandy Patterned Solar Glass	Low-Iron, Tempered, Sandy Patterned Solar Glass
Glass Thickness	4 mm	4 mm
Daylight Transmittence Td65	91,6 %	91,6 %
Solar Energy Transmittence Tsol	90,5 %	90,5 %
Glass Seal	Vulcanized EPDM	Vulcanized EPDM
Isolation	RockWool (40 mm)	RockWool (40 mm)
Lower Cover	Aluminum	Aluminum
Number of Carrier Pipes	12	12
Carrier Pipe Diameter Ø mm	10 mm	10 mm
Manifold Diameter Ø mm	18 mm (3/4")	18 mm (3/4")
Connection Type	Ermeto Link	Ermeto Link
Water Volume	1,8 liter	2,2 liter
Working Pressure	10 bar	10 bar
Test Pressure	15 bar	15 bar
Maximum Temperature	200 °C	200 °C
Stagnation Temperature	180 °C	180 °C
Length	1750 mm	2180 mm
Width	1150 mm	1150 mm
Height	80 mm	80 mm
Weight	41 kg	50 kg
Efficiency η ₀	80,5 %	80,9 %

ESSENTIAL Series (X - XL)

Technical Specifications

- Long-lasting with the reinforced chassis
- Resistant to shocks with aluminum bottom cover
- Laser welded pipes provides higher heat transfer
- Special 40 mm thick rockwool insulation prevents heat loss
- 4 mm thick, sandy patterned solar collector glass has high transmittance of light
- Titanium coated absorber surface is made of copper
- Gross surface area: X-Series are 2,00 m² and XL-Series are 2.51 m²
- Provides safe working conditions up to 200 °C and 10 bar
- ESSENTIAL X - XL collectors with their grey aluminum chassis present a stylish-image



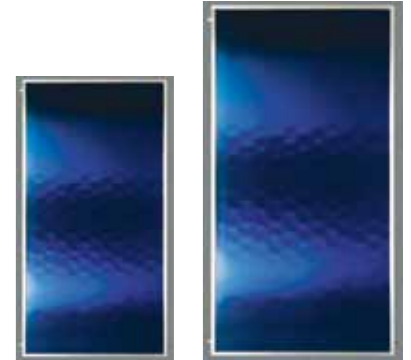
Technical Data Sheet

Package Systems	ESSENTIAL X	ESSENTIAL XL
Gross Area	2,00 m ²	2,51 m ²
Clearing	1,87 m ²	2,34 m ²
Absorbing Surface Area	1,87 m ²	2,34 m ²
Absorbing Surface Type	Aluminum	Aluminum
Absorbing Surface Coating Type	Selective	Selective
Transmittance	95 %	95 %
Emission / Reflection	5 %	5 %
Chassis	Aluminum	Aluminum
Glass Type	Low-Iron, Tempered, Sandy Patterned Solar Glass	Low-Iron, Tempered, Sandy Patterned Solar Glass
Glass Thickness	4 mm	4 mm
Daylight Transmittance Td65	91,6 %	91,6 %
Solar Energy Transmittance Tsol	90,5 %	90,5 %
Glass Seal	Vulcanized EPDM	Vulcanized EPDM
Isolation	RockWool (40 mm)	RockWool (40 mm)
Lower Cover	Aluminum	Aluminum
Number of Carrier Pipes	12	12
Carrier Pipe Diameter Ø mm	10 mm	10 mm
Manifold Diameter Ø mm	18 mm (3/4")	18 mm (3/4")
Connection Type	Ermeto Link	Ermeto Link
Water Volume	1,8 liter	2,2 liter
Working Pressure	10 bar	10 bar
Test Pressure	15 bar	15 bar
Maximum Temperature	200 °C	200 °C
Stagnation Temperature	180 °C	180 °C
Length	1750 mm	2180 mm
Width	1150 mm	1150 mm
Height	80 mm	80 mm
Weight	41 kg	50 kg
Efficiency η_0	80,5 %	80,9 %

APOLLO Series (X-XL)

Technical Specifications

- Long-lasting with the reinforced chassis
- Resistant to shocks with galvanized bottom cover
- Laser welded pipes provides higher heat transfer
- Special 40 mm thick rockwool insulation prevents heat loss
- 4 mm thick tulle patterned solar collector glass has high transmittance of light
- Titanium coated absorber surface is made of copper
- Gross surface area: X-Series are 2,00 m² and XL-Series are 2.51 m²
- Provides safe working conditions up to 200 °C and 10 bar
- APOLLO X - XL collectors with their grey aluminum chassis present a stylish-image



Technical Data Sheet

Package Systems	APOLLO X	APOLLO XL
Gross Area	2,00 m ²	2,51 m ²
Clearing	1,87 m ²	2,34 m ²
Absorbing Surface Area	1,87 m ²	2,34 m ²
Absorbing Surface Type	Aluminum	Aluminum
Absorbing Surface Coating Type	Selective	Selective
Transmittance	95 %	95 %
Emission / Reflection	5 %	5 %
Chassis	Aluminum	Aluminum
Glass Type	Low-Iron, Tempered, Sandy Patterned Solar Glass	Low-Iron, Tempered, Sandy Patterned Solar Glass
Glass Thickness	4 mm	4 mm
Glass Seal	Vulcanized EPDM	Vulcanized EPDM
Isolation	Fiberglass (40 mm)	Fiberglass (40 mm)
Lower Cover	Galvanized	Galvanized
Number of Carrier Pipes	10	10
Carrier Pipe Diameter Ø mm	10 mm	10 mm
Manifold Diameter Ø mm	18 mm (3/4")	18 mm (3/4")
Connection Type	Ermeto Link	Ermeto Link
Water Volume	1,71 liter	2,04 liter
Working Pressure	10 bar	10 bar
Test Pressure	15 bar	15 bar
Maximum Temperature	200 °C	200 °C
Stagnation Temperature	180 °C	180 °C
Length	1750 mm	2180 mm
Width	1150 mm	1150 mm
Height	80 mm	80 mm
Weight	43 kg	53 kg

AQUASOLAR Series Package Systems



- Feature of maintaining the hot water with its 160, 200, 300-liter tanks
- Economic with natural draft system
- Easy to install by means of compact systems
- Safe with the use of closed expansion tank
- Robust and durable with galvanized legs
- Provides ease of montage for installation
- Titanium coated copper / aluminum absorber plate solar collectors provides higher heat transfer with the laser-welded pipes
- Hygiene in running water is provided with double-layer enameled inner tank
- AquaSolar tanks have running water hygiene certificate (PZH)
- AquaSolar tanks are protected against corrosion with Mg Anode
- Has high intensity polyurethane insulated and reinforced plastics covers against UV rays
- Auxiliary electric heater can be connected with auxiliary heater sleeve coupling (optional)

Package System Contents

- 1- Collector
- 2- Tank
- 3- Chassis
- 4- Hydraulic Fittings
- 5- Tank Accessories
- 6- Expansion Tank
- 7- Solar Liquid



AQUASOLAR Series Package Systems

Technical Specifications

Your home meets up with hygienic, high quality and free hot water through Baymak Solar Power Package Systems with products that make life easier by supporting energy economy and being against expensive energy.

Comfortable hot water is obtained in an easy and practical way with Baymak solar power tanks and mounting chassis, and the visual pollution of the roofs comes to an end via Aquasolar Solar Energy Systems.

Aquasolar Solar Energy Systems have a sleeve coupling for electric auxiliary heater. Thus, even in cold regions, in mid seasons, electric auxiliary heater can be connected to produce more hot water. High efficient all Baymak Solar Collectors range can be used in Aquasolar SES, and comfortable hot water is provided by 160 l, 200 l and 300 l capacity and high-intensity polyurethane insulated tanks.



Baymak Aqua Boiler Series Solar Energy Tanks keeps the water inside in a clean and hygienic way since the tanks are titanium-doped enamel coated like other produced products. Aquasolar Series has an hygiene certificate (PZH) from international organizations that are accepted in all of the Europe. AQUASOLAR like all other Baymak hot water tanks is protected against corrosion through Magnesium alloy anodes. Thus, provides the comfort of consuming healthy hot water at any time with contentment.

Stylish new plastic covers, reinforced against UV rays, on the other hand provides ease of installation for the tanks.

Baymak Aquasolar Series Solar Power Package Systems provide practicality, comfort and hygiene together.

Technical Data Sheet

Package Systems	AQUASOLAR 1K 160 L	AQUASOLAR 1K 200 L	AQUASOLAR 2K 200 L	AQUASOLAR 2K 300 L
Tank Volume	160 l	200 l	200 l	300 l
Number of collectors	1 adet (2/2,5m ²)	1 adet (2,5m ²)	2 adet (2/2,5m ²)	2 adet (2/2,5m ²)
Collector Type	X / XL	XL	X / XL	X / XL
Tank Heat Transfer Area	1,0 m ²	1,3 m ²	1,3 m ²	2,15 m ²
Amount of Mg Anode	475 gr	475 gr	475 gr	750 gr
Exterior Coating Material	Electrostatic Powder Coated Galvanized Steel	Electrostatic Powder Coated Galvanized Steel	Electrostatic Powder Coated Galvanized Steel	Electrostatic Powder Coated Galvanized Steel
Inner Tank Coating	Titanium Doped Enamel	Titanium Doped Enamel	Titanium Doped Enamel	Titanium Doped Enamel
Water Input-Output Connections	R 3/4"	R 3/4"	R 3/4"	R 3/4"
Collector Tank Connections	Rustproof Flex / Copper	Rustproof Flex / Copper	Rustproof Flex / Copper	Rustproof Flex / Copper
Optional Heater Connection	G 1 1/4"	G 1 1/4"	G 1 1/4"	G 1 1/4"
Expansion Tank	7,5 l Membrane Closed Type	7,5 l Membrane Closed Type	7,5 l Membrane Closed Type	7,5 l Membrane Closed Type
Tank Isolation	Water-Based Polyurethane (40 gr/cm ³)	Water-Based Polyurethane (40 gr/cm ³)	Water-Based Polyurethane (40 gr/cm ³)	Water-Based Polyurethane (40 gr/cm ³)



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