



MILLIONSUN SOLAR PRODUCT

Millionsun Solar specialises in creating high quality hot water systems with intelligent technology. We believe in harnessing natural energy sources such as sunlight. As a result you could reduce your greenhouse gas emissions from water heating. You could also save up to 55% - 95% on your water heating energy consumption.

Millionsun Solar offers a comprehensive range of flexible solar hot water solutions including both gas and electric boosted systems along with integrated solar solutions. We provide tailored offerings to meet your household requirements and budget.



Millionsun Solar®
MANUFACTURE OF SOLAR WATER HEATING SYSTEM

RANGE OF SOLAR HOT WATER SYSTEMS



>> ELECTRIC BOOSTED SOLAR HOT WATER SYSTEMS

Millionsun Solar's electric boosted solar hot water systems deliver solar heated water straight to your home. Boosted by a 3kW electric element, you'll be covered even on the coldest winter days. Available in 3 tank sizes 250L, 325L and 400L, there's sure to be a system to meet your needs.

>> GAS BOOSTED SOLAR HOT WATER SYSTEMS

Delivering you hot water heated from the rays of sun, millionsun Solar's gas boosted solar systems offer high efficiency water heating. Backed up with a Bosch or Takagi continuous gas booster, you'll have continuous hot water with quality you can trust. Available in LPG and natural gas and a great range of tank sizes.

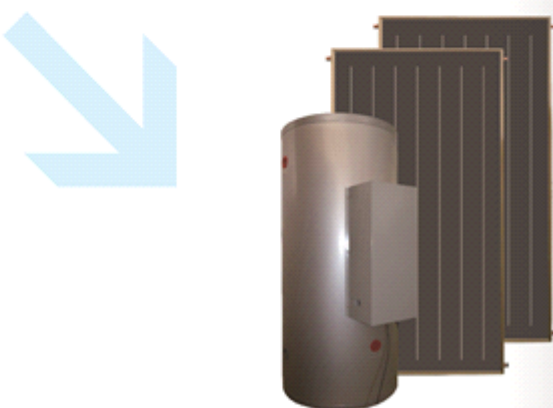
- 1. Cold water from the storage tank is pumped to the solar collectors.
- 2. Sunlight is absorbed by the collectors naturally heating the water within.
- 3. Heated water is circulated back into the storage tank where it is ready to use.
- 4. If the tank water temperature falls below 55°C, the gas booster activates, heating the outlet water to 60°C.



ELECTRIC BOOSTED SOLAR HOT WATER SYSTEMS

Millionsun solar's locally designed range of solar hot water systems deliver natural water heating solutions without breaking the budget. Featuring the potential for you to save up to 55% - 95% from water heating, our highly efficient electric boosted systems are hard to beat.

Our systems will provide you with full mains pressure throughout your home, and you'll have plenty of hot water all year round.



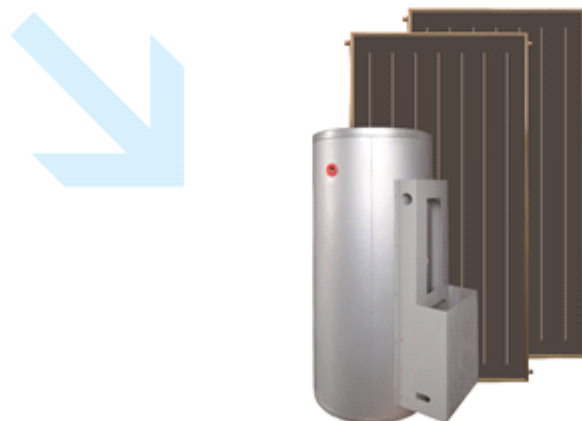
Features:

- Rapid heat absorbing black chrome solar collectors
- Built in heating booster element allows a compact system size
- Simple to install and commission by a qualified installer
- 2mm food grade stainless steel tank
- Smart controller circulates warm water preventing frost damage and minimise water wastage

Type	A-FC250/4-EA	A-FC325/4-EA	A-FC400/6-EA
Collector Type	M-SBC/2.0A		
Collector Quantity	2	2	3
Collector Area Total	4.0 m²	4.0 m²	6.0 m²
Tank Capacity	250L	325L	400L
Heat Capacity(KW)	3.0		
Circulation Pump	WILO RS15/6		
System Work Pressure	Over 7bar		
Bath Of Person	2-3	3-5	5-7
Annual Energy Saving (From Water Heating)	55%-85	58%—90%	60%—95%

GAS BOOSTED SOLAR HOT WATER SYSTEMS

Making a difference to your energy consumption has never been easier with millionsun Solar's gas boosted solar range. Featuring a Bosch or Takagi continuous gas booster, our gas boosted systems offer environmental heating solutions with quality you can trust. Our gas boosted systems are highly efficient and could save you up to 65% - 95% on your water heating energy usage.



Features:

- Rapid heat absorbing black chrome solar collectors
- Bosch or Takagi gas booster
- Instantaneous boost system provides hot water continuously, so you'll never have a cold shower
- 2mm food grade stainless steel tank
- Smart controller circulates warm water preventing frost damage and minimises water wastage

Type	A-FC250/4-GA	A-FC325/4-GA	A-FC400/6-GA
Collector Type	M-SBC/2.0A		
Collector Quantity	2	2	3
Collector Area Total	4.0 m²	4.0 m²	6.0 m²
Gas Booster	Bosch 21E/26E		
Circulation Pump	WILO RS15/6		
System Work Pressure	Over 7bar		
Bath Of Person	2-3	3-5	5-7
Annual Energy Saving (From Water Heating)	55%-85%	58%—90%	60%—95%



SOLAR FLAT COLLECTOR

Millionsun Solar's collectors are manufactured according to Australia quality standards, applying laser welding or ultrasonic welding technology, with stable quality and pass AS 2712 and AS 2535 test, have been sold in batches to Australia markets. Featuring optimal and reasonable structures, fine appearance and easy installation, our products are well combined with buildings and applicable to household and scaled systems.

M-SBC/2.0A

Description	Unit	Specification
Dimension (Length X Width X Height)	mm	2000X1000X100
Gross Area	m²	2.00
Col Lector Connection (Inlet / Outlet)	mm	Φ22
Operating pressure P	Bar	9
Nominal Volume Flow	L/h	50-300

Cover

Cover material	Low Iron Patterned Tempered Glass
Cover thickness	3.2 mm

Absorber

Material	Copper Sheet Strip
Surface treatment	Black Chrome Coating
Absorptivity \ Emissivity	95%±2% \ 5%±2%

Insulation

Material	Glass Wool(50 mm , 48 Kg/m³)
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Glass sealing

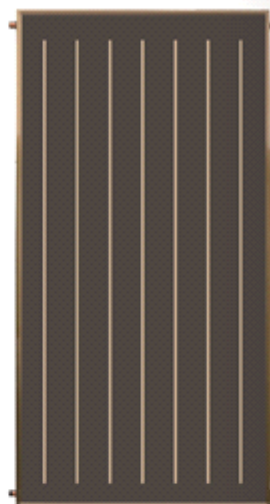
Material	EPDM
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Frame

Material	Aluminium Alloy 6063
Color	Silver or Brown

Back plate

Material	Aluminium sheet(0.5 mm)
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SOLAR WATER TANK

Millionsun Solar's water storage tank workshop to produce stainless steel tank and Vitreous Enamel tank, we make the solar storage tank according to Australia standard. the solar storage tank is well protected against corrosion and hard water. It combines easy assemble and an optimal price / performance. The hot water supply is provided in the hygienic continuous flow and the latest technology.

- + Attractive coating appearance
- + Temperature and pressure relief valve Protect
- + Easy matching to residential solar systems
- + Automatic temperature control .
- + High quality and long life by optimal corrosion protection
- + Have a long service life
- + Easy installation

Type	Dimension	Back-up
250L	Φ570X1530	Electric Boost / Gas Boost / heat pump
325L	Φ570X1830	Electric Boost / Gas Boost / heat pump
400L	Φ700X1530	Electric Boost / Gas Boost / heat pump

Tank outside

Material	Steel sheet and UV coating(thickness 0.5mm)
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Tank inside

Material	SUS304(thickness 2.0mm)
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Insulation

Material	Polyurethane(50mm)
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Work pressure

Work pressure	0.9 MPa
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Testing pressure

Testing pressure	1.2 MPa
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