

PROFESSIONAL SOLAR SOLUTIONS



Lebria

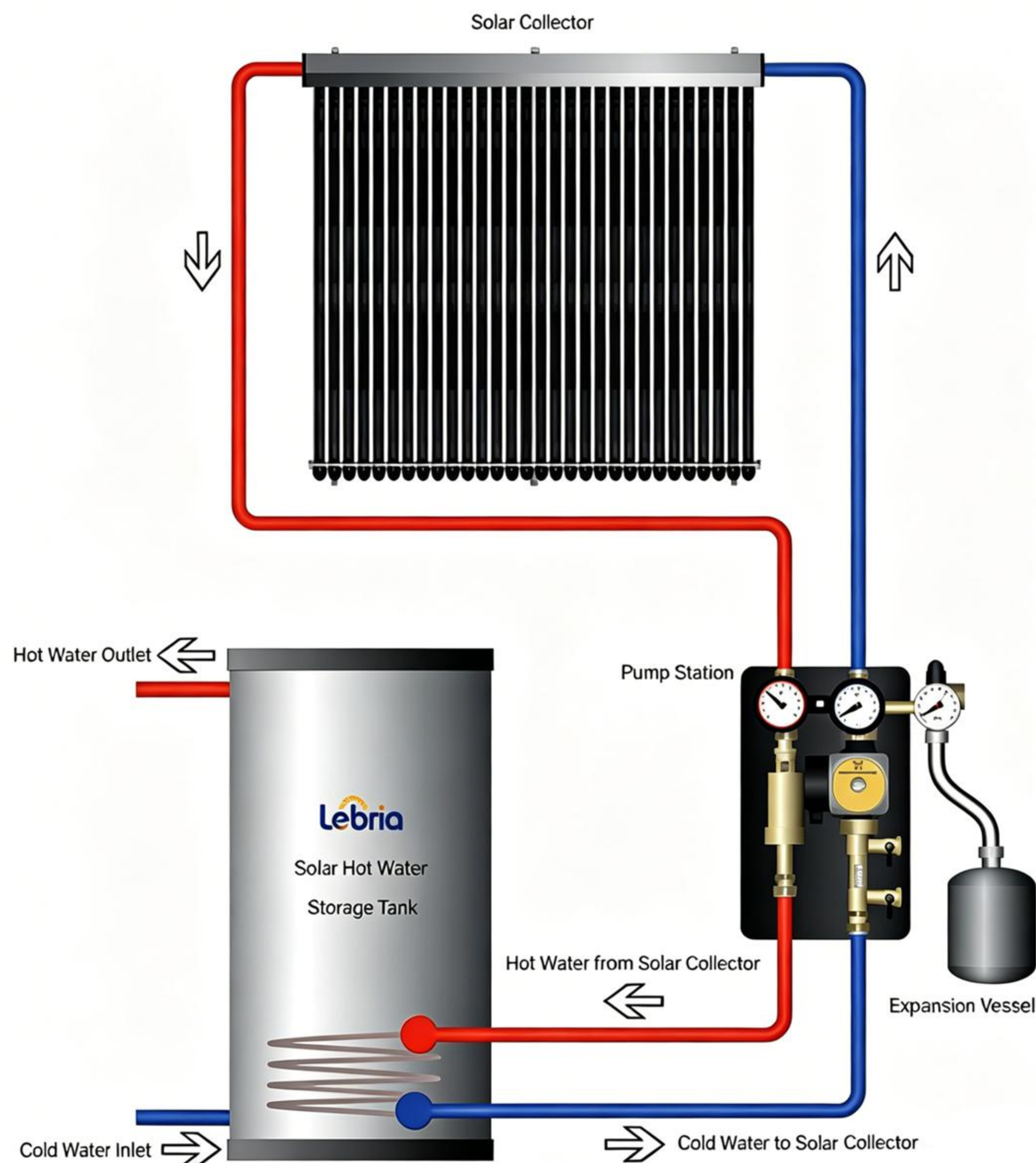
SPLIT PRESSURIZED SOLAR WATER HEATER

分体热管式太阳能热水器



Solar Collection

- Special coating which is up to 95% efficient.
- The average solar hot water system efficiency is ~50-70%, depending on the design, installation angle, location, solar radiation levels and operating temperatures.



Split Pressurized Solar Water Heater Systems(One Coil)

Models	Tank Capacity	Coils Qty.	Solar Collector & Qty.	Pump Station	Controller	Expansion Vessel	Gross Weight	20GP/40HQ
LBR-SP1-200-20	200 L	O	LBR-SC01-20×1PCS	SR11L	SR258	8L	128 KG	28/68 Sets
LBR-SP1-200-24	200 L	O	LBR-SC01-24×1PCS	SR11L	SR258	8L	139 KG	25/63 Sets
LBR-SP1-300-30	300 L	O	LBR-SC01-15×2PCS	SR11L	SR258	8L	182 KG	20/48 Sets
LBR-SP1-300-36	300 L	O	LBR-SC01-18×2PCS	SR11L	SR258	8L	196 KG	18/46 Sets
LBR-SP1-400-40	400 L	O	LBR-SC01-20×2PCS	SR11L	SR258	12L	252 KG	17/40 Sets
LBR-SP1-400-48	400 L	O	LBR-SC01-24×2PCS	SR11L	SR258	12L	274 KG	16/39 Sets
LBR-SP1-500-54	500 L	O	LBR-SC01-18×3PCS	SR21L	SR258	24L	313 KG	13/32 Sets
LBR-SP1-500-60	500 L	O	LBR-SC01-20×3PCS	SR21L	SR258	24L	337 KG	13/32 Sets
LBR-SP1-800-100	800 L	O	LBR-SC01-20×5PCS	SR21L	SR258	24L	510 KG	7/23 Sets
LBR-SP1-1000-120	1000 L	O	LBR-SC01-20×6PCS	SR21L	SR258	24L	630 KG	5/18 Sets

Split Pressurized Solar Water Heater Systems(Twin Coil)

Models	Tank Capacity	Coils Qty.	Solar Collector &Qty.	Pump Station	Controller	Expansion Vessel	N.W./G.W.	20GP/40HQ
LBR-SP2-200-20	200 L	OO	LBR-SC01-20×1PCS	SR11L	SR258	8L	128 KG	28/68 Sets
LBR-SP2-200-24	200 L	OO	LBR-SC01-24×1PCS	SR11L	SR258	8L	139 KG	25/63 Sets
LBR-SP2-300-30	300 L	OO	LBR-SC01-15×2PCS	SR11L	SR258	8L	182 KG	20/48 Sets
LBR-SP2-300-36	300 L	OO	LBR-SC01-18×2PCS	SR11L	SR258	8L	196 KG	18/46 Sets
LBR-SP2-400-40	400 L	OO	LBR-SC01-20×2PCS	SR11L	SR258	12L	252 KG	17/40 Sets
LBR-SP2-400-48	400 L	OO	LBR-SC01-24×2PCS	SR11L	SR258	12L	274 KG	16/39 Sets
LBR-SP2-500-54	500 L	OO	LBR-SC01-18×3PCS	SR21L	SR258	24L	313 KG	13/32 Sets
LBR-SP2-500-60	500 L	OO	LBR-SC01-20×3PCS	SR21L	SR258	24L	337 KG	13/32 Sets
LBR-SP2-800-100	800 L	OO	LBR-SC01-20×5PCS	SR21L	SR258	24L	510 KG	7/23 Sets
LBR-SP2-1000-120	1000 L	OO	LBR-SC01-20×6PCS	SR21L	SR258	24L	630 KG	5/18 Sets



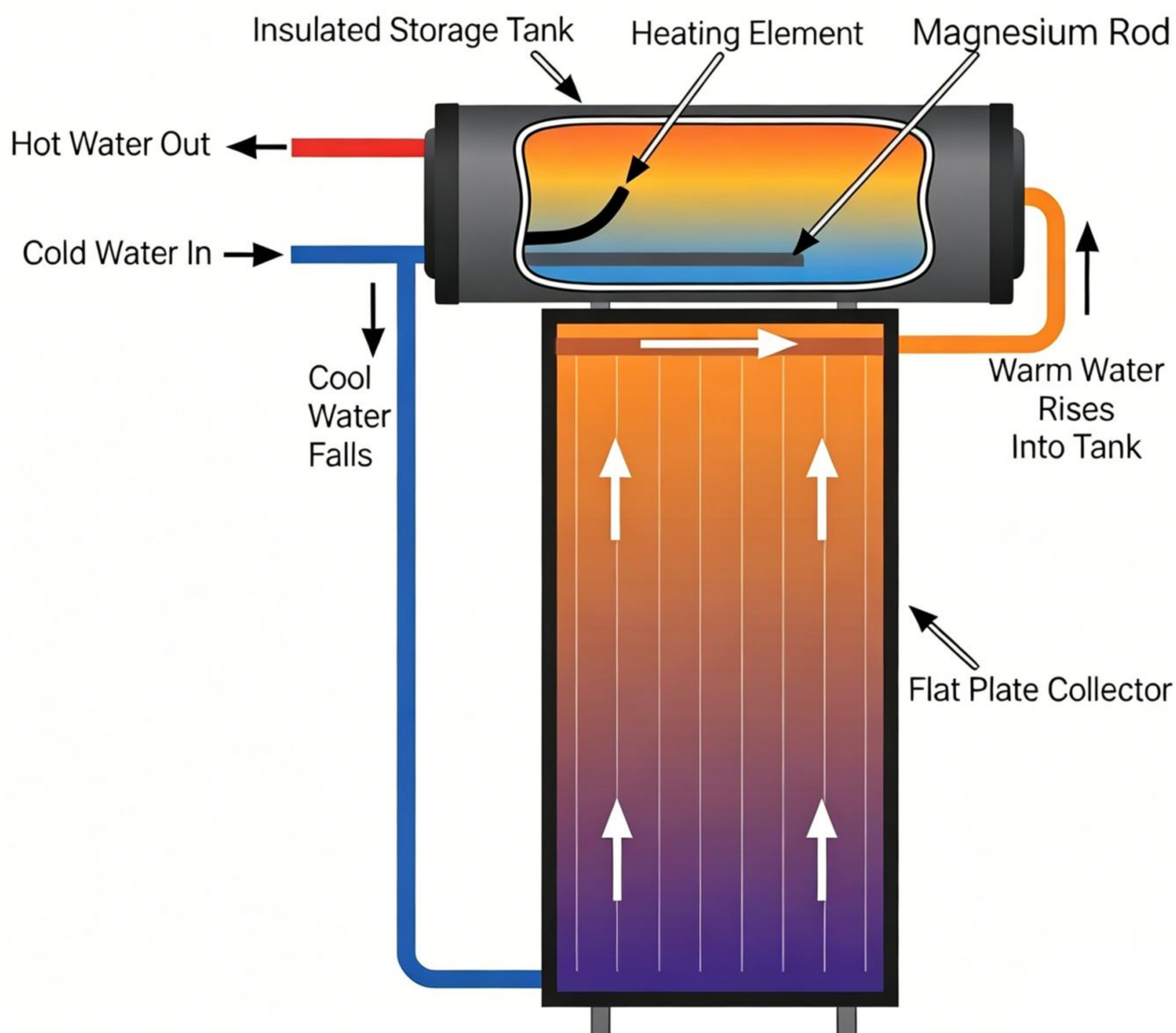
FLATE PLATE PRESSURIZED SOLAR WATER HEATER

一体平板式承压太阳能热水器



Product Introduction

LEBRIA flat-panel pressurized solar water heater is a thermosiphon solarwater heater, which uses a high-efficiency flat-plate collector and a mainpressure stainless steel water storage tank.



Optional Accessories

Electric Heating Element, Controller, T/P Valve, Magnesium Rod& Check Valve

Item No.	Tank Capacity	Flate Plate Size&Qty	Direct/Indrect Flow	Inner Tank Material	N.W/G.W	20GP/40HQ
LBR-FP01-150L-2	150 L	2m ² ×1pcs	Direct	SUS304-2B	63/67kg	46/105 sets
LBR-FP01-200L-2.5	200 L	2.5m ² ×1pcs	Direct	SUS304-2B	95/98 kg	40/96 sets
LBR-FP01-250L-4	250 L	2m ² ×2pcs	Direct	SUS304-2B	125/130 kg	29/68 sets
LBR-FP01-300L-4	300 L	2m ² ×2pcs	Direct	SUS304-2B	139/145kg	27/60 sets

Features

- Efficient flat plate collector with blue titanium coating
- Well-insulated solar storage tanks
- Thermosiphon or pump mandatory compatibility



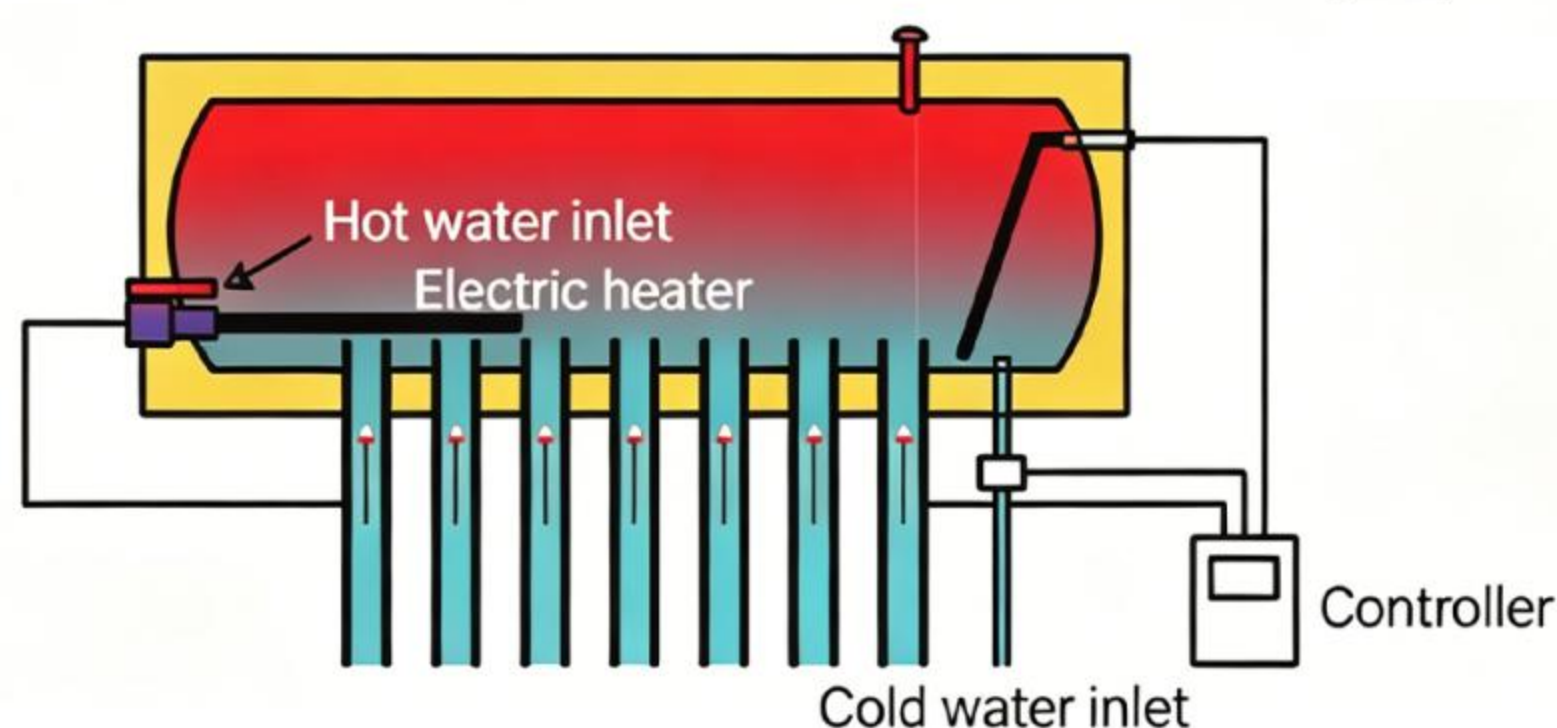
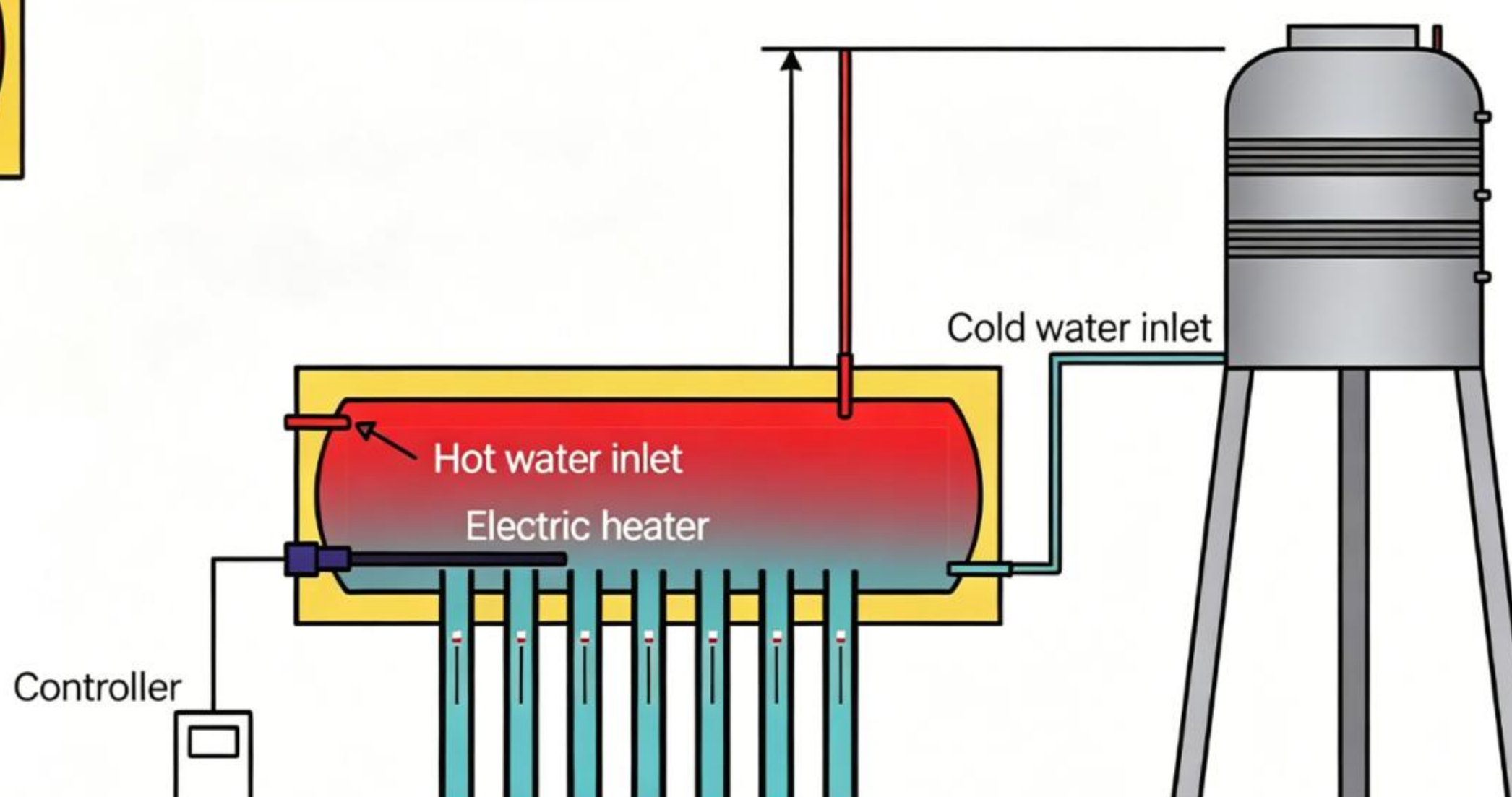
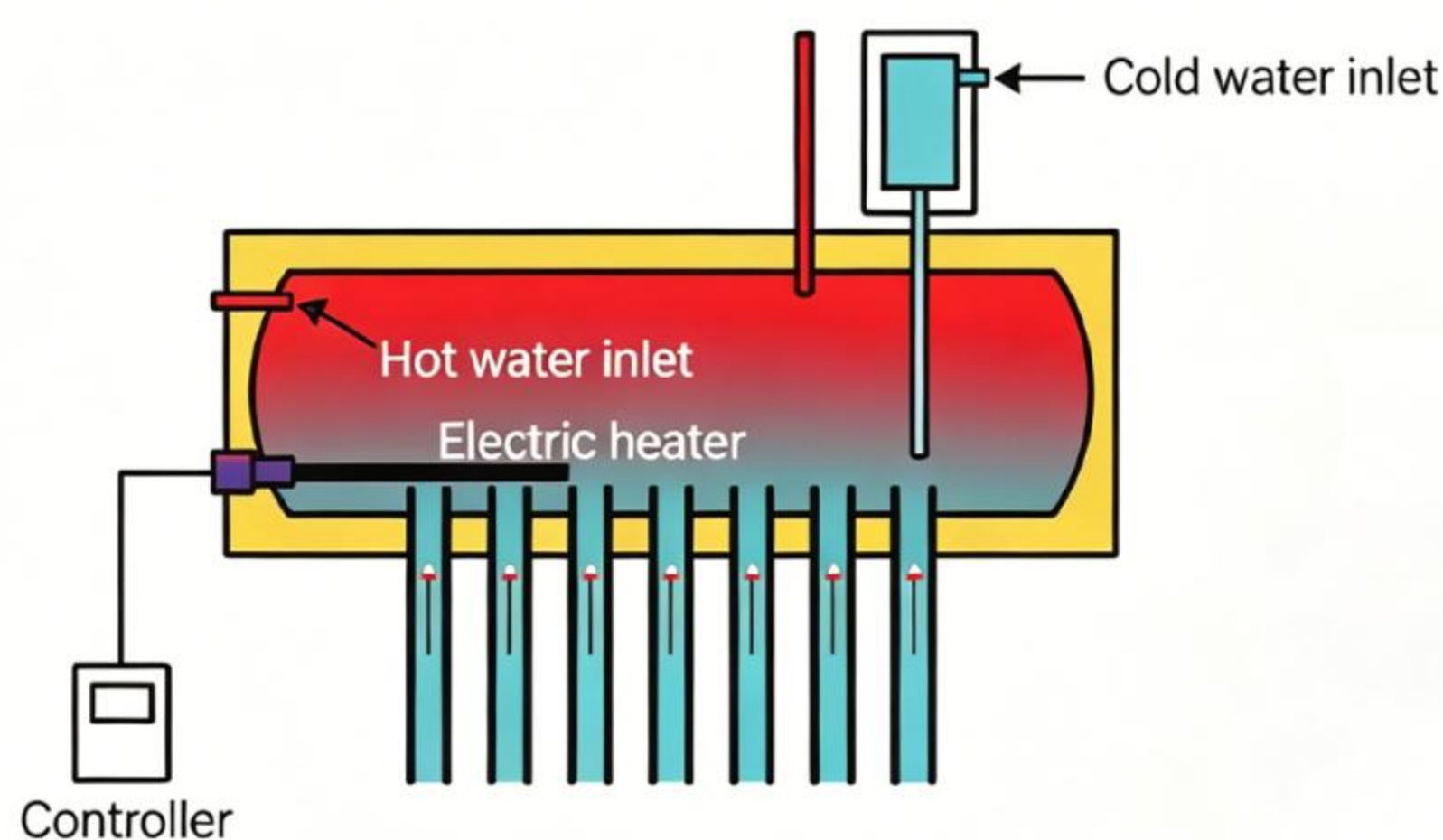
NON-PRESSURE TYPE SOLAR WATER HEATER

一体非承压真空管太阳能热水器



Product Introduction

The LEBRIA Vented Thermosiphon Solar Water Heater is an excellent choice. In areas with high solar radiation, LEBRIA solar water heaters can be used as the only energy source for hot water supply. In cooler climates, LEBRIA Solar systems can provide preheated hot water, saving on traditional energy costs such as electricity or natural gas.



Optional Accessories

Electric Heating Element, Controller, Magnesium Rod & Auxiliary Tank

Item No.	Tank Capacity	Tube Size &Qty	Support	Outer Tank	Inner Tank	N.W./G.W	20GP/40HQ
LBR-NP02-120L-	120 L	φ58x1800x12pcs	SS201/45°	SS201BA/φ	SS304/φ360mm	43/48kg	68/170 sets
LBR-NP02-180L-	150 L	φ58x1800x15pcs	SS201/45°	SS201BA/φ	SS304/φ360mm	52/56kg	55/140 sets
LBR-NP02-200L-	180 L	φ58x1800x18pcs	SS201/45°	SS201BA/φ	SS304/φ360mm	59/64kg	48/118 sets
LBR-NP02-240L-	200 L	φ58x1800x20pcs	SS201/45°	SS201BA/φ	SS304/φ360mm	68/73kg	42/108 sets
LBR-NP02-300L-	240 L	φ58x1800x24pcs	SS201/45°	SS201BA/φ	SS304/φ360mm	83/88kg	36/90 sets
LBR-NP02-300L-	300 L	φ58x1800x30pcs	SS201/45°	SS201BA/φ	SS304/φ360mm	99/106	28/72 sets

Features

- Economical solar water heating solution
- Food grade 304 stainless steel liner
- Three-layer absorber vacuum tube
- Well-insulated solar storage tanks
- Enhanced tank weld design
- Simple plugin installation



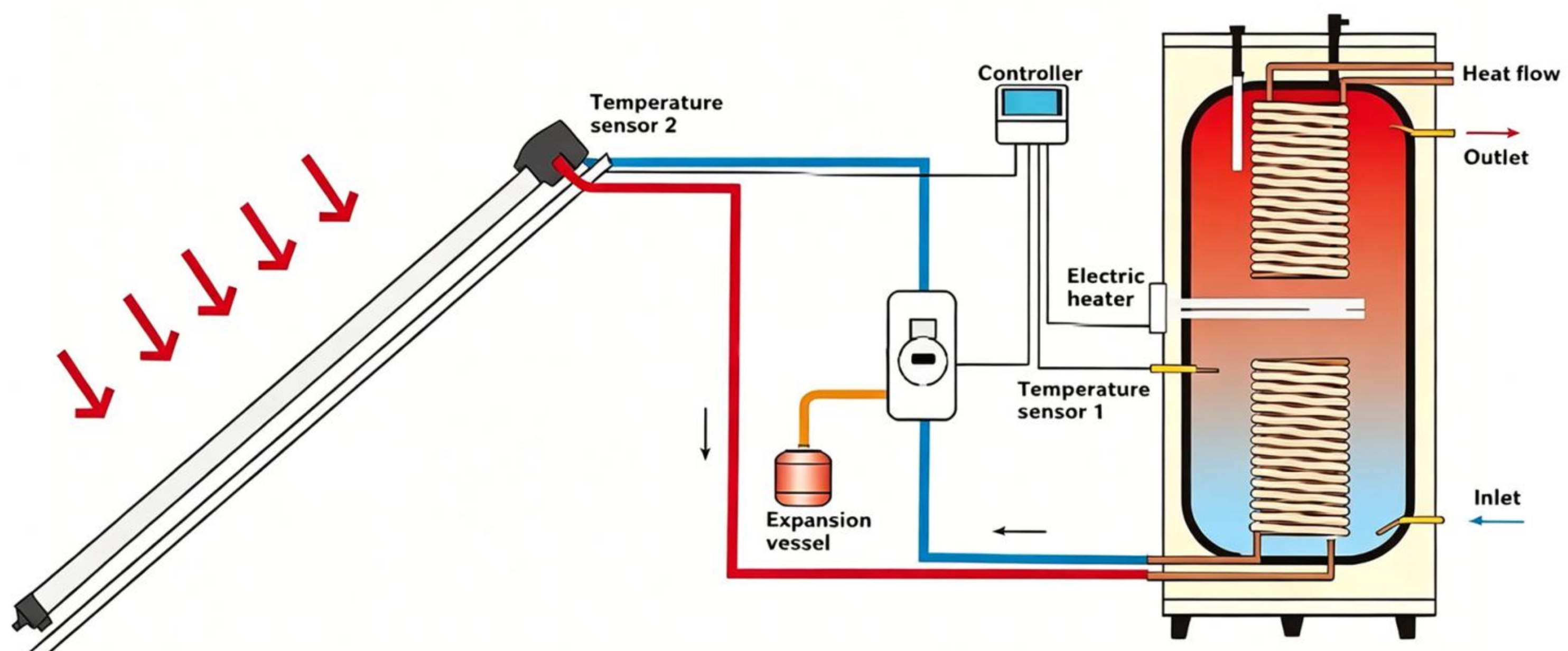
SEPARATE-PRESSURE FAT-PANEL SOLAR WATER HEATER

分体平板式太阳能热水器



Solar Collection

- Special coating which is up to 95% efficient.
- The average solar hot water system efficiency is ~50-70%, depending on the design, installation angle, location, solar radiation levels and operating temperatures.



Super Blue Film Coating

Superior heat collection performance of blue film delivers stronger heat absorption, featuring high solar absorption and low thermal emission.

Expanded multi-flow channels retain heat instantly with enlarged heat exchange area to achieve rapid temperature rise.

Tests verify that after 25 years, the absorber with "Super Blue Film" coating still retains 95% of its original performance. Blue film serves as the core component of premium flat-plate solar collectors.



6X Strength

6 times stronger than glass steel pipes, resistant to hail, snow, and wind pressure, operable in -30°C low temperature

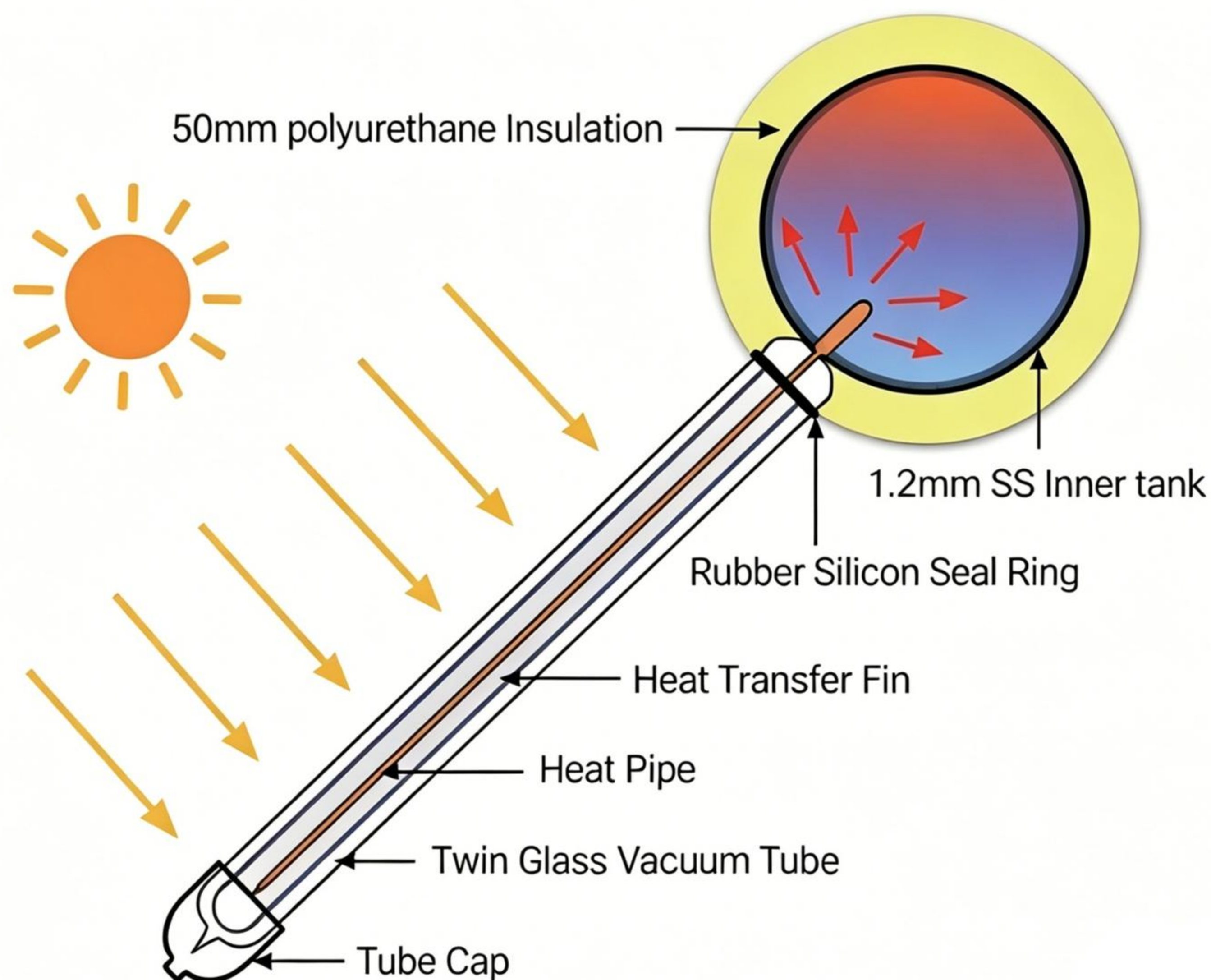
INTEGRATED HEAT PIPE PRESSURIZED SOLAR WATER HEATERS

一体热管式承压太阳能热水器



Product Introduction

LEBRIA heat pipe pressurized solar water heater is a solar hot water all-in-one heating system. They are ideal for supplying pressurized hot water sustainable, easy to install, high efficient and reliable solar water heating solutions.



Optional Accessories

Electric Heating Element, Controller, T/P Valve, Magnesium Rod& Check Valve

Item No.	Tank Capacity	Tube Size &Qty	CPC Reflector	Tube Distance	Inner Tank Material	N.W./G.W	20GP/40HQ
LBR-HP01-150L-15	150 L	φ58x1800x15pcs	----	75mm	SUS304-2B	76/80 kg	56/140 sets
LBR-HP01-180L-18	180 L	φ58x1800x18pcs	----	75mm	SUS304-2B	84/88 kg	50/115 sets
LBR-HP01-200L-20	200 L	φ58x1800x20pcs	----	75mm	SUS304-2B	91/95kg	48/106 sets
LBR-HP01-240L-24	240L	φ58x1800x24pcs	----	75mm	SUS304-2B	110/117kg	36/90 sets
LBR-HP01-300L-30	300 L	φ58x1800x30pcs	----	75mm	SUS304-2B	133/140kg	28/72 sets
LBR-HP02-100L-8	100 L	φ58x1800x8pcs	O	110mm	SUS316L	54/59kg	64/159 sets
LBR-HP02-120L-10	120 L	φ58x1800x10pcs	O	110mm	SUS316L	60/65kg	55/135 sets
LBR-HP02-150L-12	150 L	φ58x1800x12pcs	O	110mm	SUS316L	68/73 kg	48/118 sets
LBR-HP02-200L-15	200 L	φ58x1800x15pcs	O	110mm	SUS316L	84/89 kg	40/99 sets
LBR-HP02-300L-20	300 L	φ58x1800x20pcs	O	110mm	SUS316L	109/115kg	30/75 sets



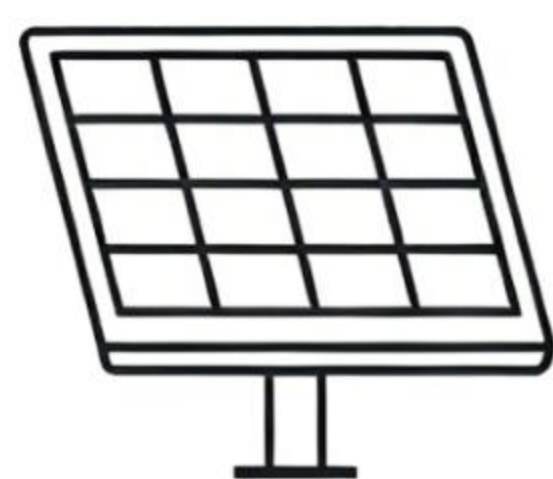
DC/AC SOLAR FREEZER

太阳能冰箱



Product Features

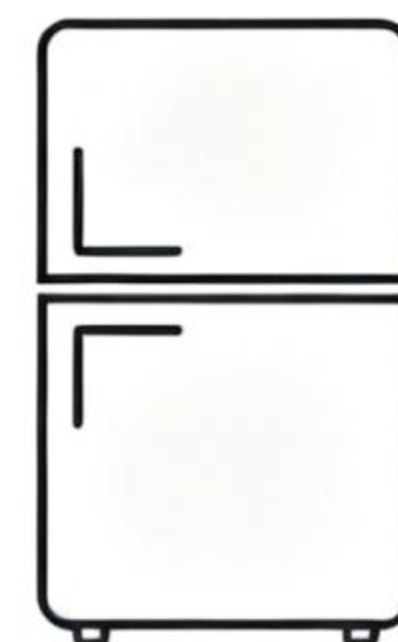
- 11-Layer High Capacity, Large Ice Output
- Off-Grid Operation, Ideal For Remote Areas
- Durable & Reliable Solar System, Built For Tough Environments
- Keep Food Fresh Longer, Reduce Waste And Save Money



PV



Battery



Refrigeration

Certificate



Specification

Specifications	Model
	BD-198
Input voltage(V)	12V/24V/220V
Capacity(freeze room)	198 L
Temperature range	≤-18 for freezer
Product size(mm)	550*635*1410
Carton size(mm)	570*650*1465
Loading qty in 40HQ	126
G.W/N.W(KG)	54/49
Refrigerant	R134A/R600a

Specifications	Model
	LC-300
Input voltage(V)	12V/24V/220V
Capacity(freeze room)	300 L
Temperature range	0-10 degree
Product size(mm)	565*555*1955
Carton size(mm)	640*630*2010
Loading qty in 40HQ	76
G.W/N.W(KG)	65/59
Refrigerant	R134A/R600a

Product List



BD-198
Solar Upright
Ice Maker



LC-300
Solar Display
Cooler



BCD-178



BCD-198



BCD-268



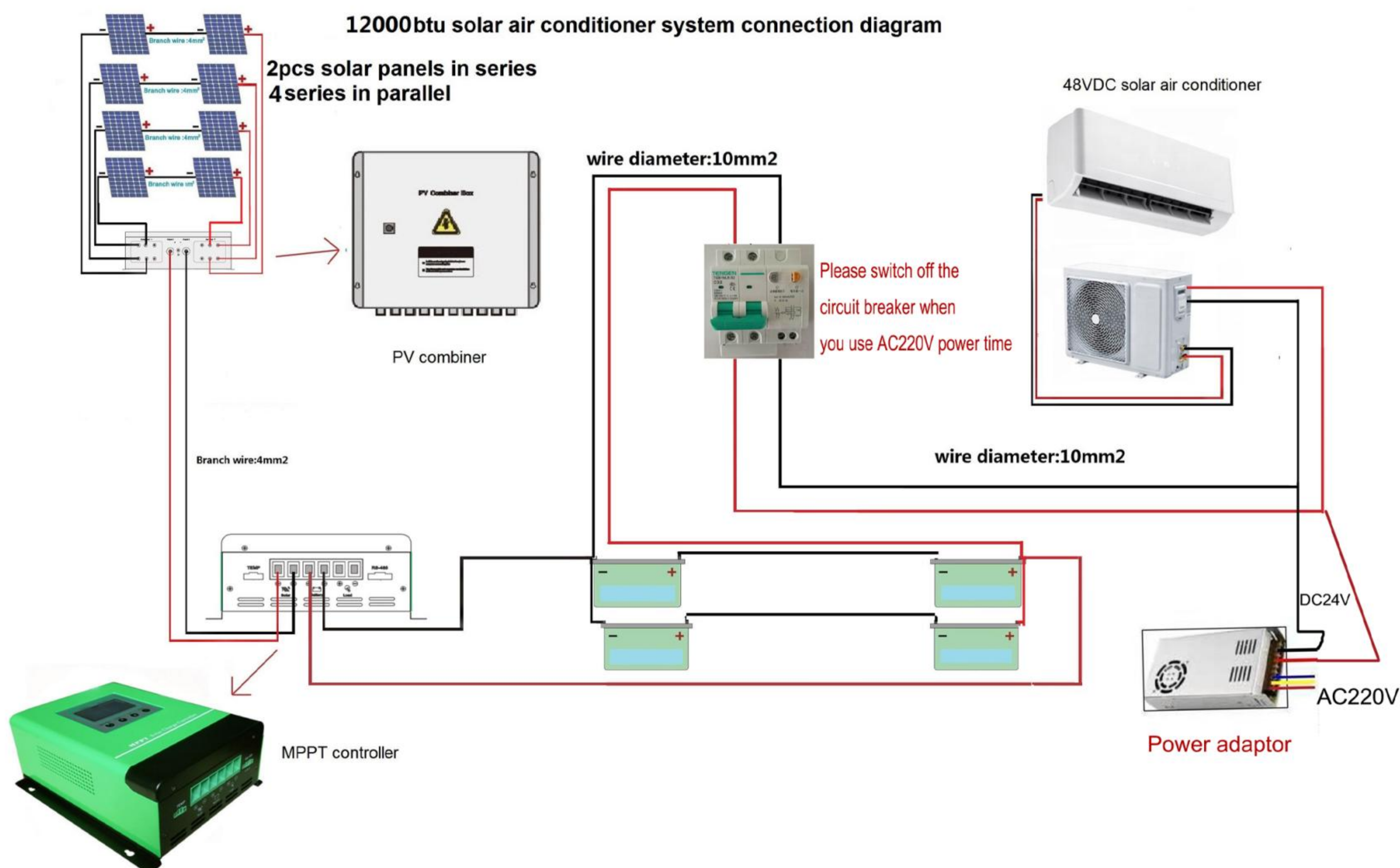
BCD-218

DC/AC SOLAR AIR CONDITIONER

太阳能空调

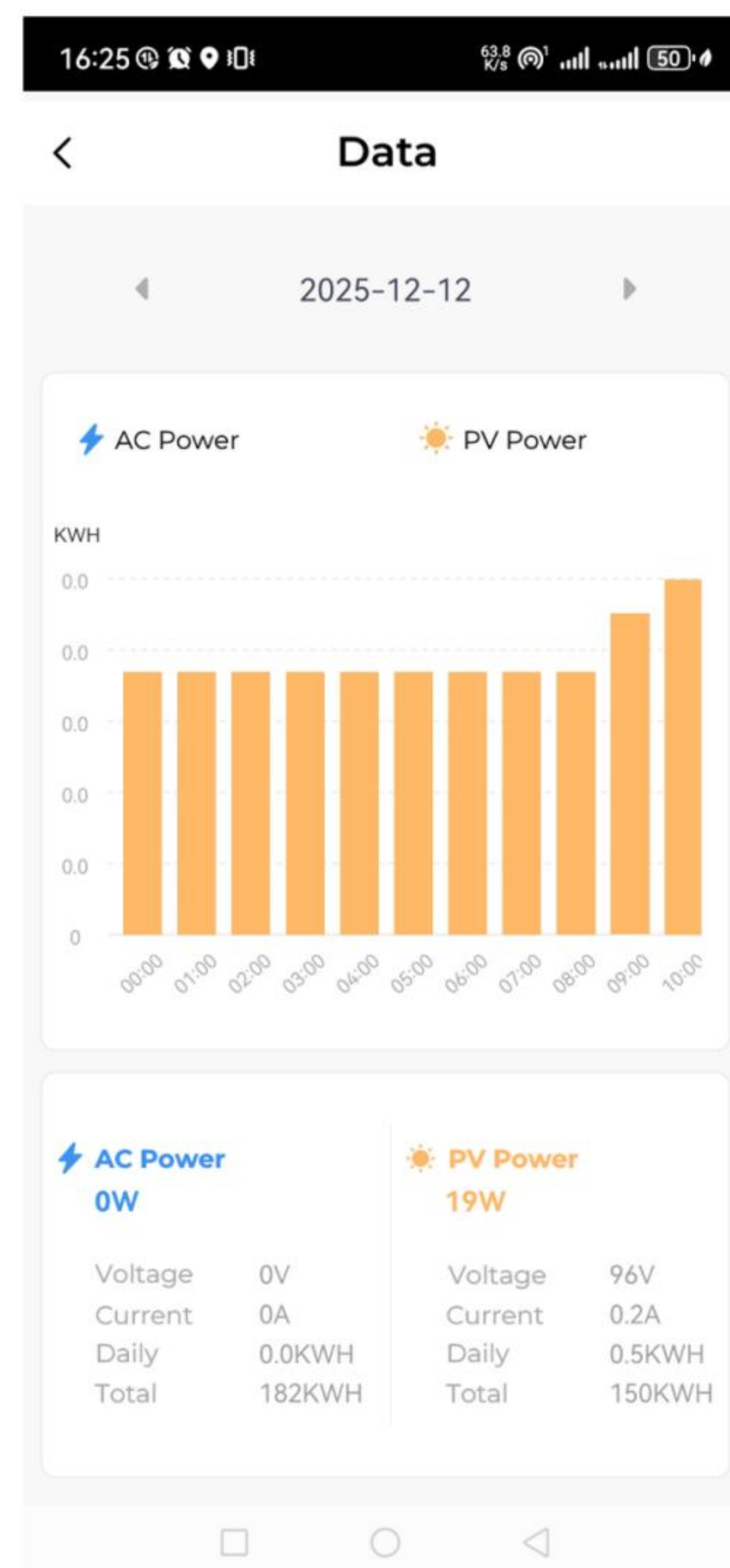
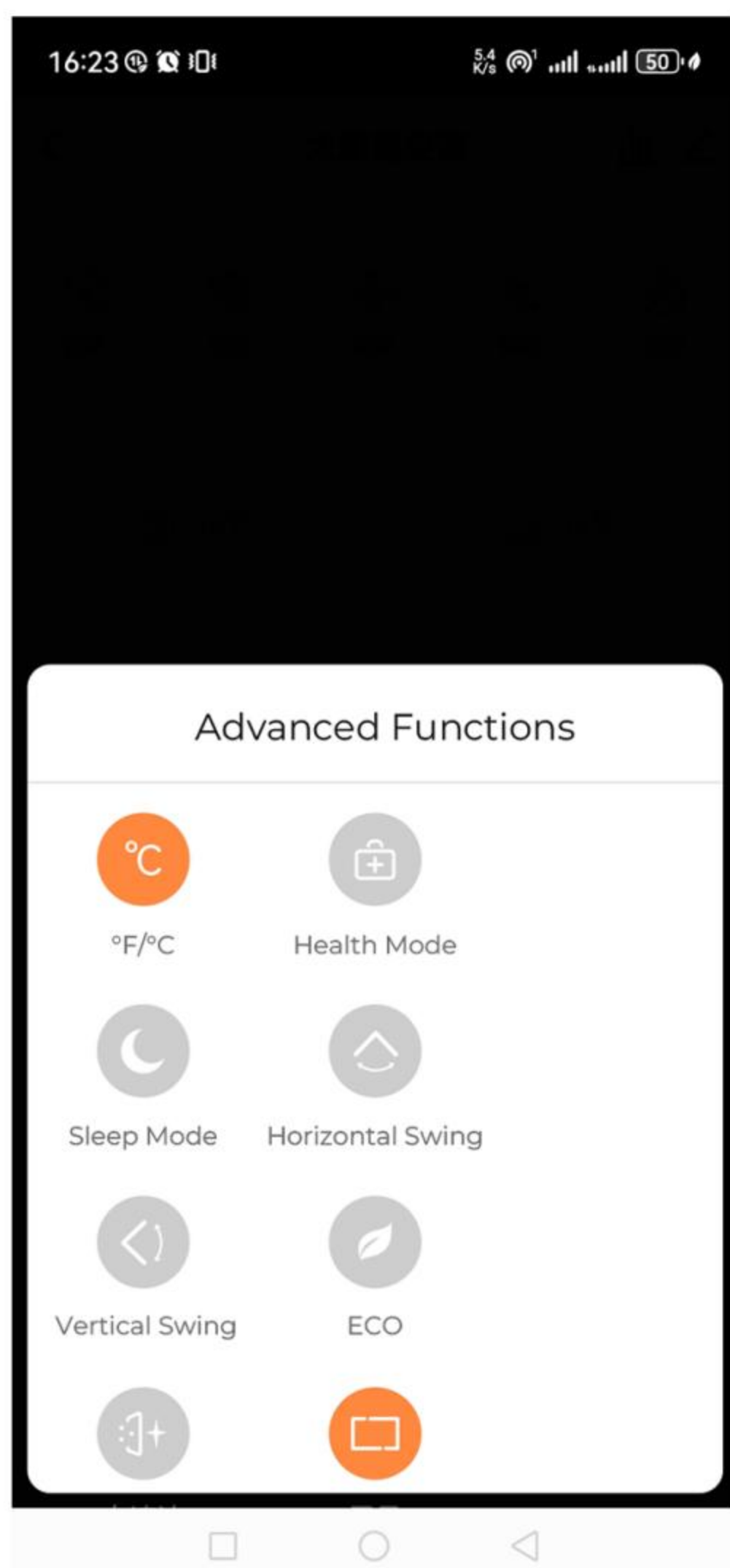
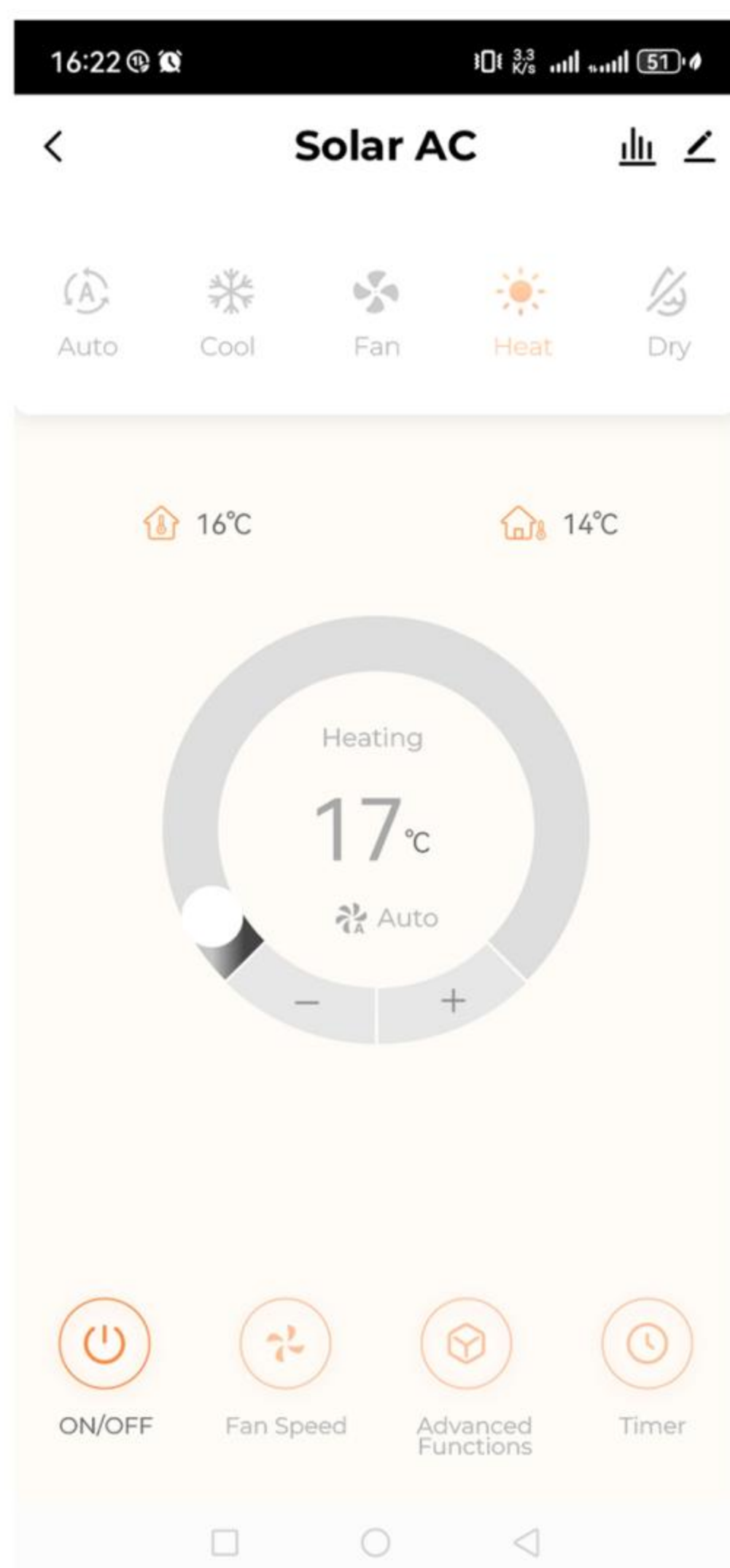
Product Introduction

The solar-powered air conditioner is a high-performance and precise air conditioner developed using the latest DC 24V/48V variable-frequency compressors and DC motors technology.



Power saving comparison and ROI calculation

Model	Product	Cooling capacity	Power consumption	EER	Power-saving rate	Power dissipation	Power-saving rate(KW/H)			
		(W)	(W)			(W/H)	1 hour	1 day	1 month	1 year
TKFR-26GW/OF	Conventional AC	2,600	1,000	2.6	/	1,000				
	Solar-Powered AC	2,600	0		100%	550	1	8	240	2,920.00
TKFR-35GW/OF	Conventional AC	3,500	1,400	2.5	/	1,400				
	Solar-Powered AC	3,500	0		100%	750	1.4	11.2	336	4,088.00
TKFR-52GW/OF	Conventional AC	5,200	2,000	2.6	/	2,000				
	Solar-Powered AC	5,200	0		100%	1,100	2	16	480	5,840.00
TKFR-72GW/OF	Conventional AC	7,200	2,800	2.5	/	2,800				
	Solar-Powered AC	7,200	0		100%	1,350	2.8	22.4	672	8,176.00



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