

System Features:

- The solar collector and water tank can be placed separately, easy to install, easy for building integration
- The water tank is indirect tank with a single coil exchanger completely solve the problem of collector in freezing and harsh water area
- Reliable electric back-up with protection against dry heating and thermal cut-out
- With quality flat solar collector and enamel water tank for long service life
- Polyurethane insulation with good heat reservation
- Totally metal flow channels made by copper
- Low failure rate and easy maintenance
- Easy operation and intelligent control



Model No.		STE-PSS-300	STE-PSS-400	STE-PSS-500
Water Tank	Circulation type	Pressurized closed loop	Pressurized closed loop	Pressurized closed loop
	Tank capacity	300L	400L	500L
	Outer tank material	Prepainted galvanized steel		
	External dimension (mm)	Φ620×1520	Φ710×1576	Φ710×1716
	Inner tank material	Low carbon steel with vitreous enamel		
	Max working pressure	0.7MPa	0.7MPa	0.7MPa
	Electric booster	2.5KW	2.5KW	2.5KW
	Heat exchanger	Single coil	Single coil	Single coil
Solar collector	Overall area	2m ² *2pcs	2m ² *3pcs	2m ² *4pcs
	Dimension L x W x T (mm)	2000×1000×80 or 95mm		
	Absorber coating	Blue Selective or Black Chrome		
Hydraulic kit	Manometer	0~200℃		
	Thermometer	for Infusing heat medium		
	Filling valve	Max. discharge flow:3.3 m ³ /h , Max. pump discharge : 6 m		
	Water Pump	2~8L/min.		
	Flow meter	Control circulation pump and electric booster		
	Controller	Control circulation pump and electric booster		
	T/P valve	0.6Mpa/99℃	0.6Mpa/99℃	0.6Mpa/99℃
	Expansion vessel	8L	18L	18L
Mounting Bracket	Material	Auminum alloy	Auminum alloy	Auminum alloy
	Bracket style	Flat roof and tilted roof for option		
Weight of overall system [kg]		198	265	319
Container Capacity	20' container	22 sets	15 sets	13 sets
	40' container	45 sets	30 sets	26 sets